

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

KENJI SUZUKI, ET AL.

Application No.:

Filed:

For: **Spread-Spectrum Demodulator**

Art Group:

Examiner:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL OF FORMAL DRAWINGS**

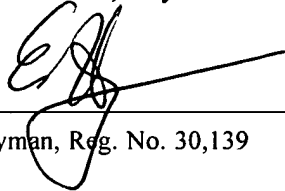
Sir:

Enclosed herewith for filing in the above-identified U.S. Patent Application are the formal drawings, 34 sheets including 72 Figures. Please charge any additional fees or credit any overpayment to Deposit Account No. 02-2666. A duplicate copy of the Fee Transmittal is enclosed for this purpose.

Respectfully submitted,

Blakely, Sokoloff, Taylor & Zafman LLP

Dated: December 2 2003

  
Eric S. Hyman, Reg. No. 30,139

12400 Wilshire Boulevard, 7th Floor  
Los Angeles, CA 90025  
Telephone: (310) 207-3800

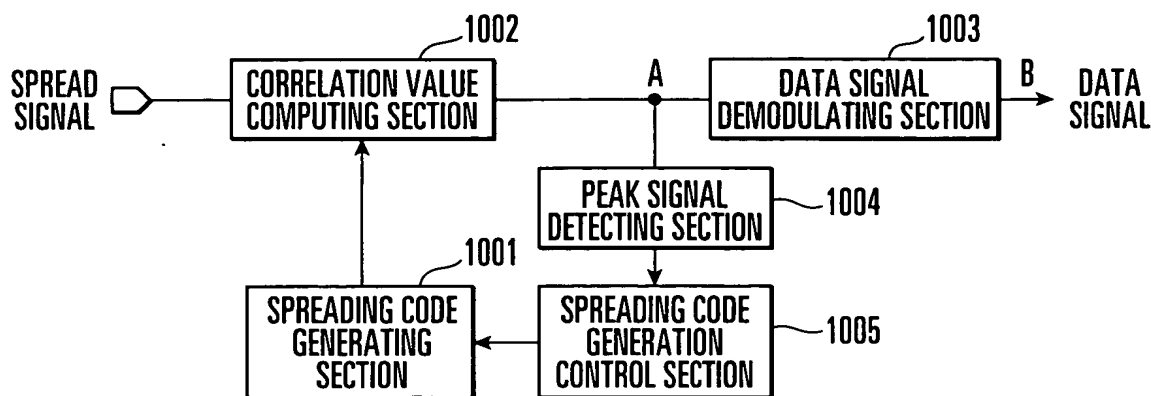


FIG. 1

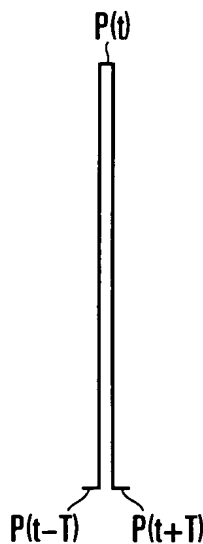
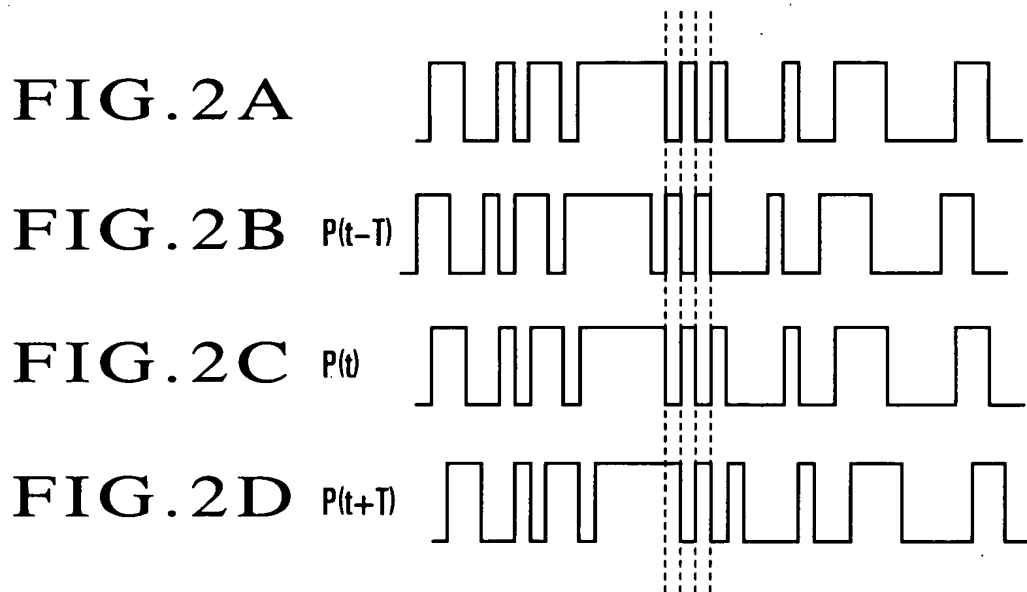


FIG. 2E

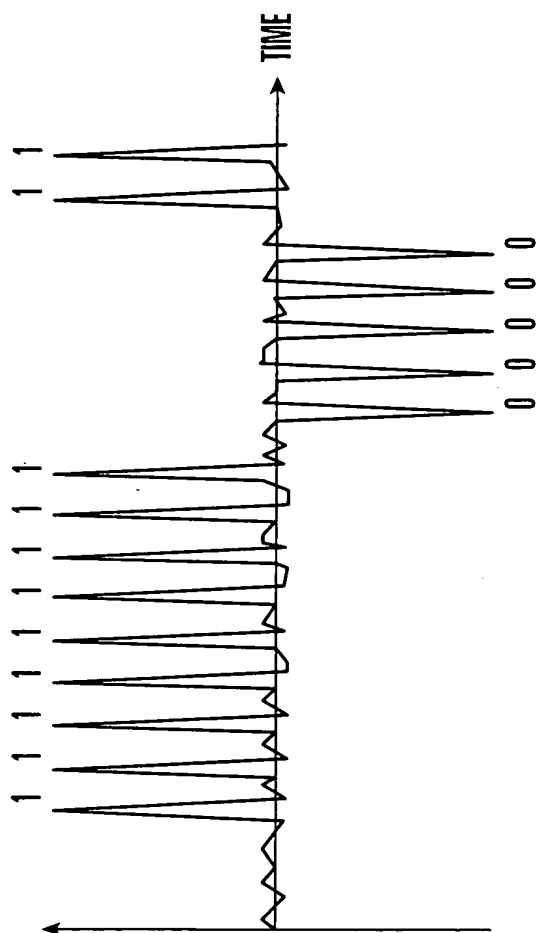


FIG. 3A

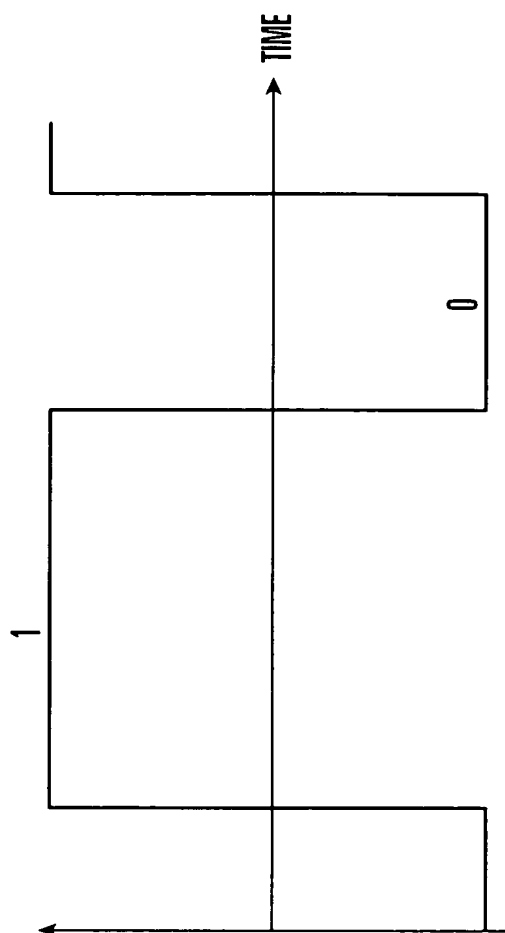
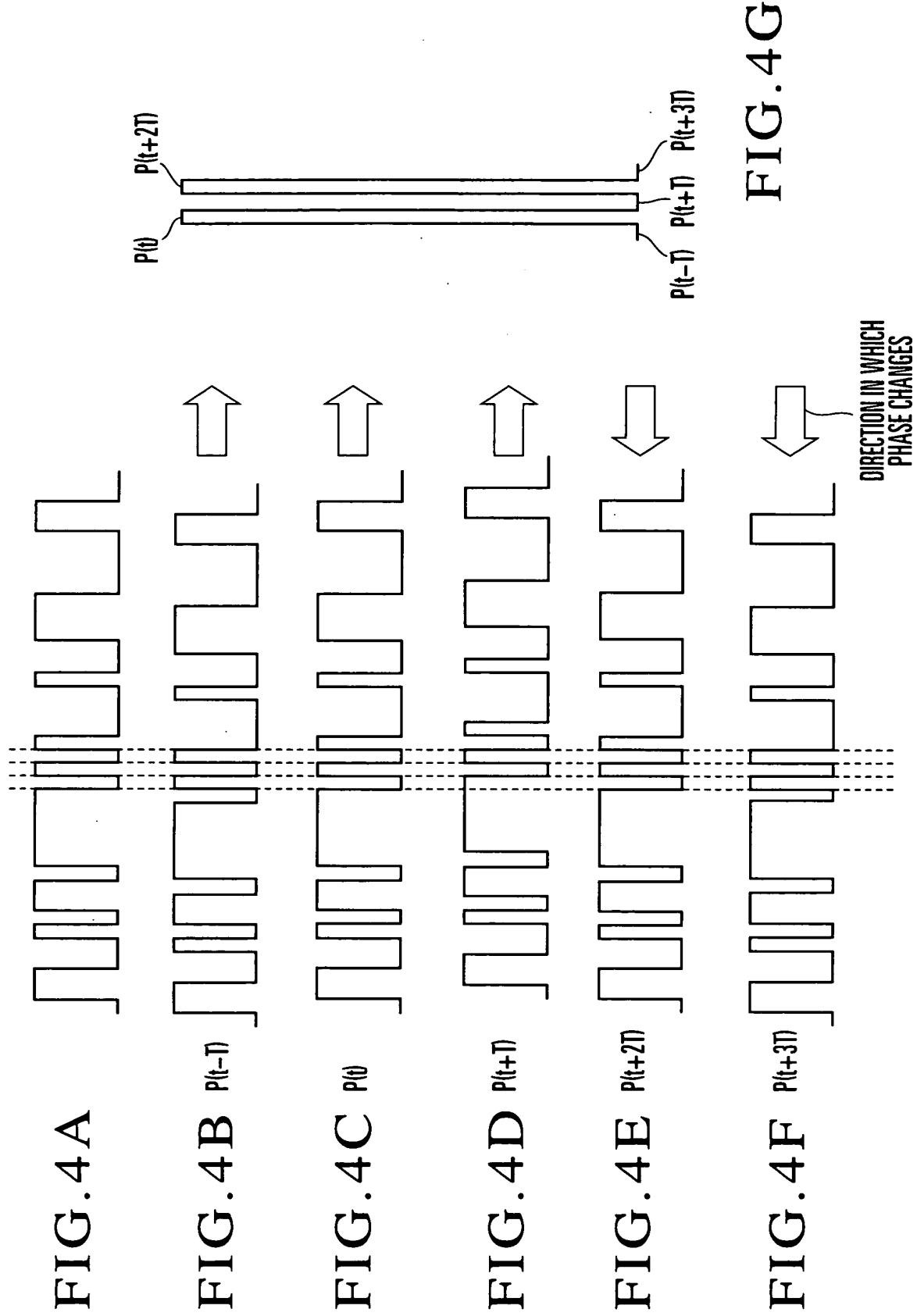


FIG. 3B



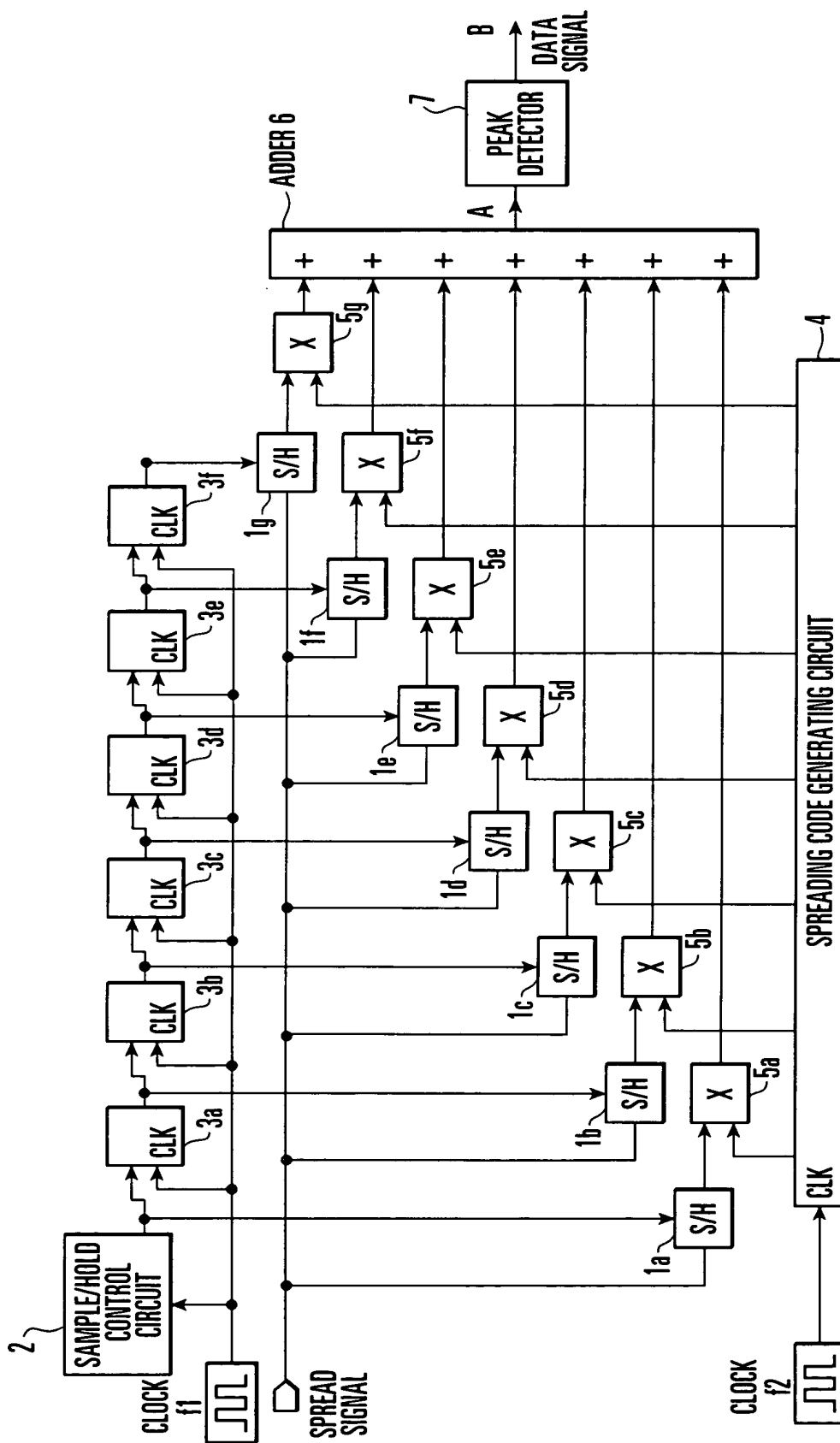


FIG. 5

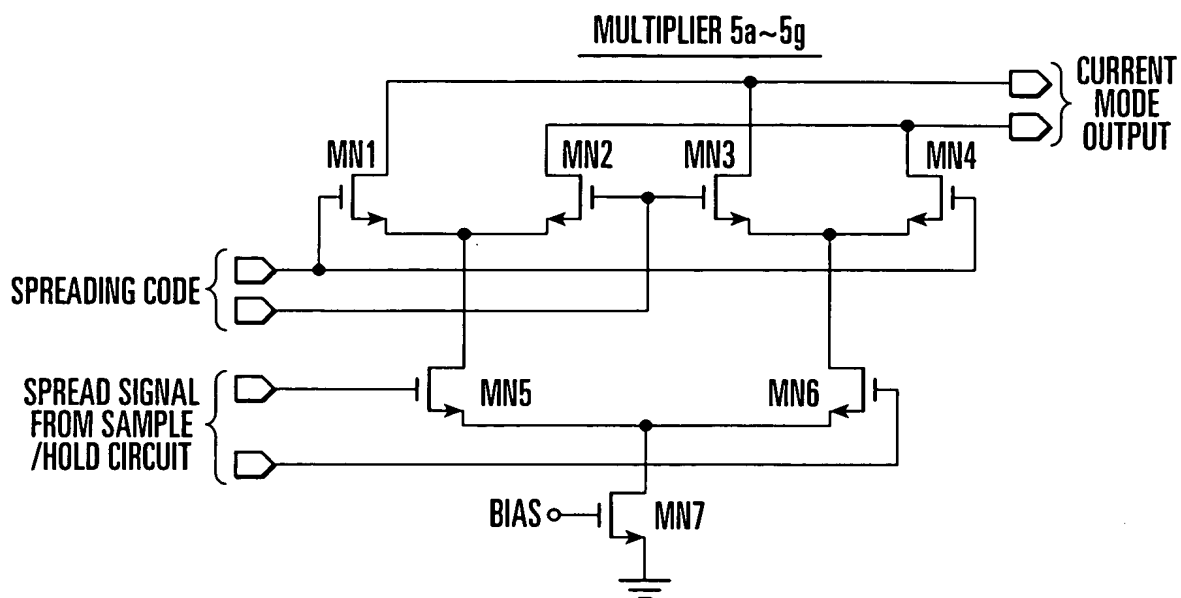


FIG. 6

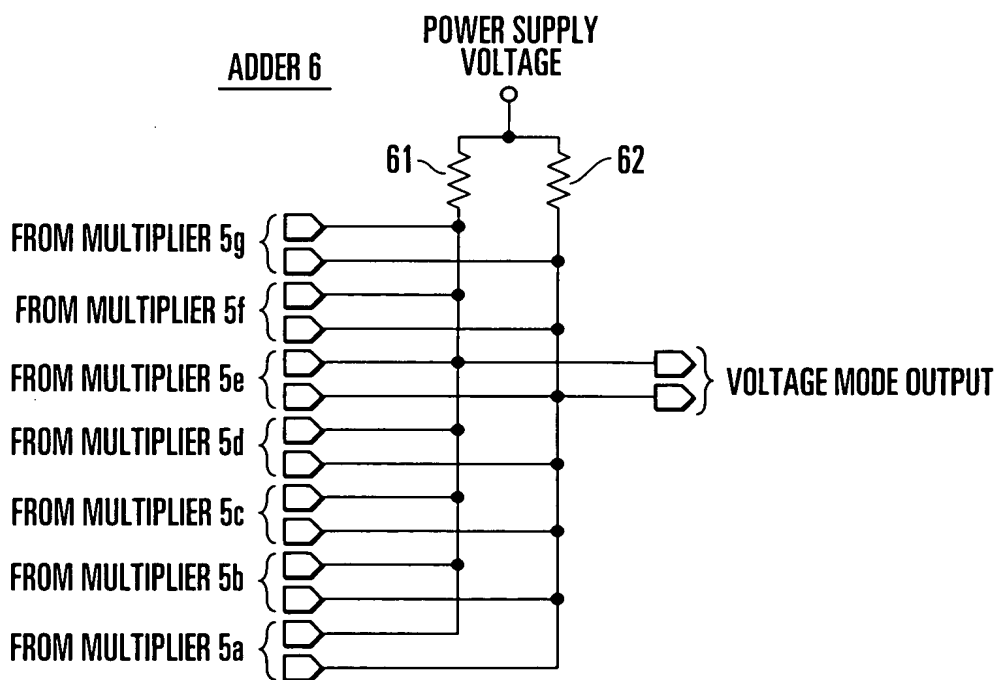
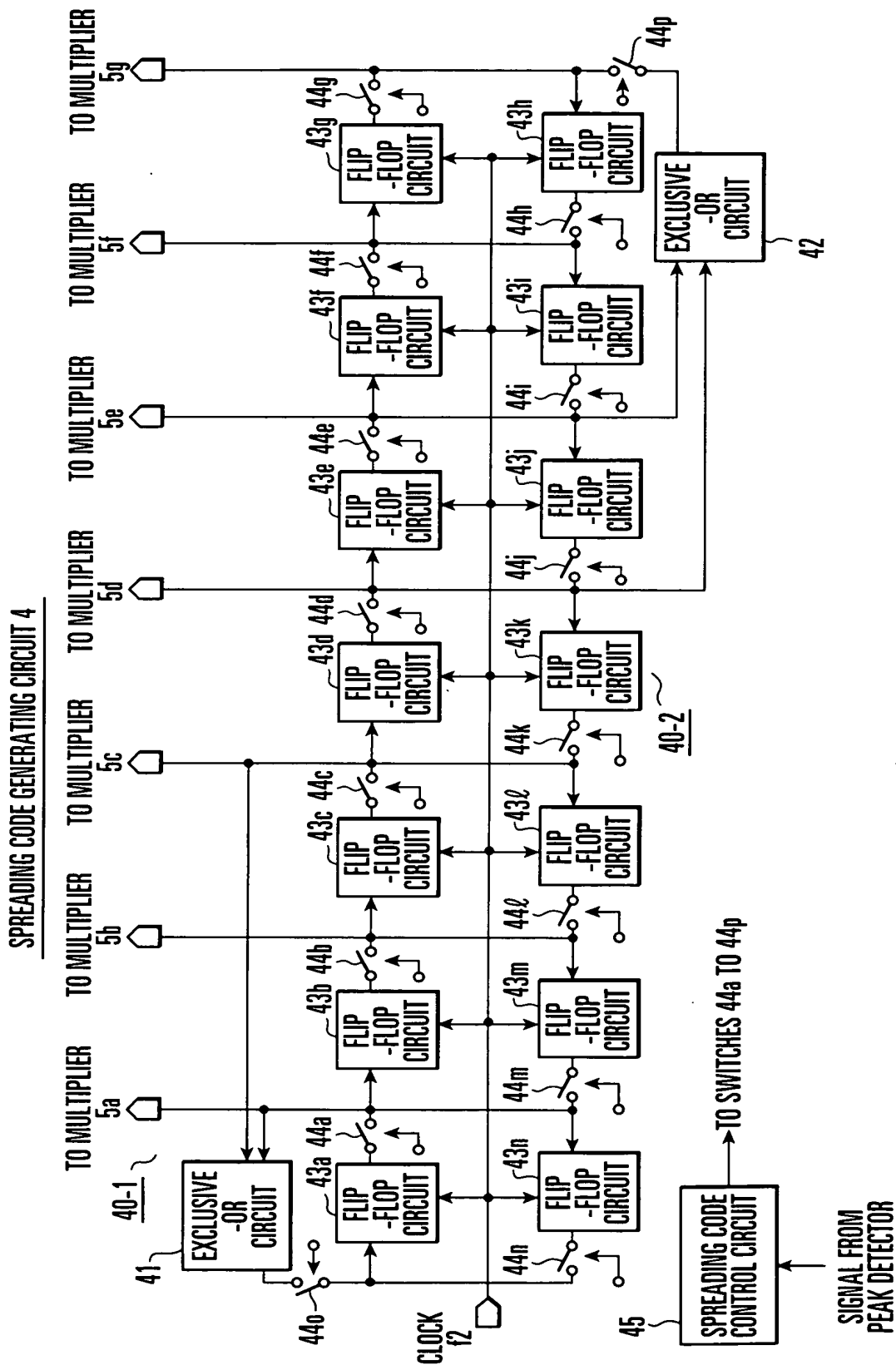


FIG. 7



**FIG. 8**

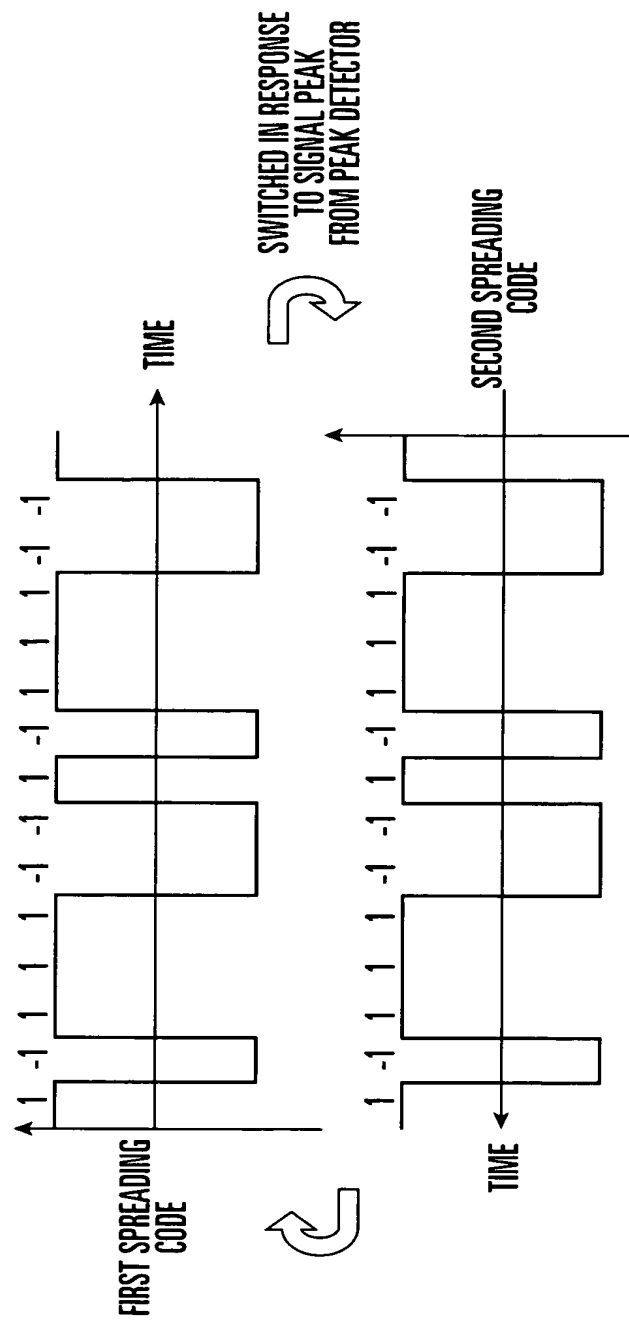


FIG. 9A

FIG. 9B



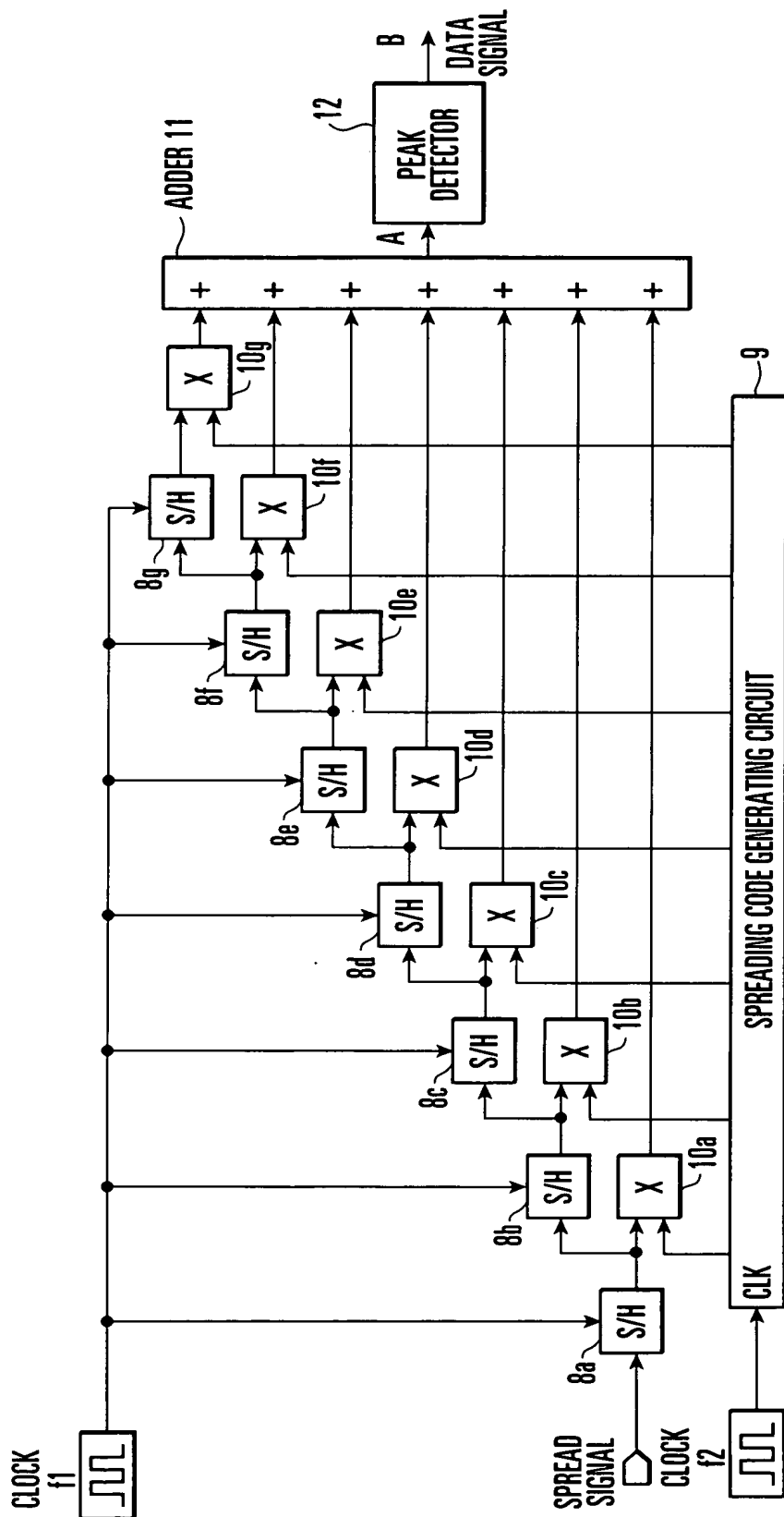


FIG. 10

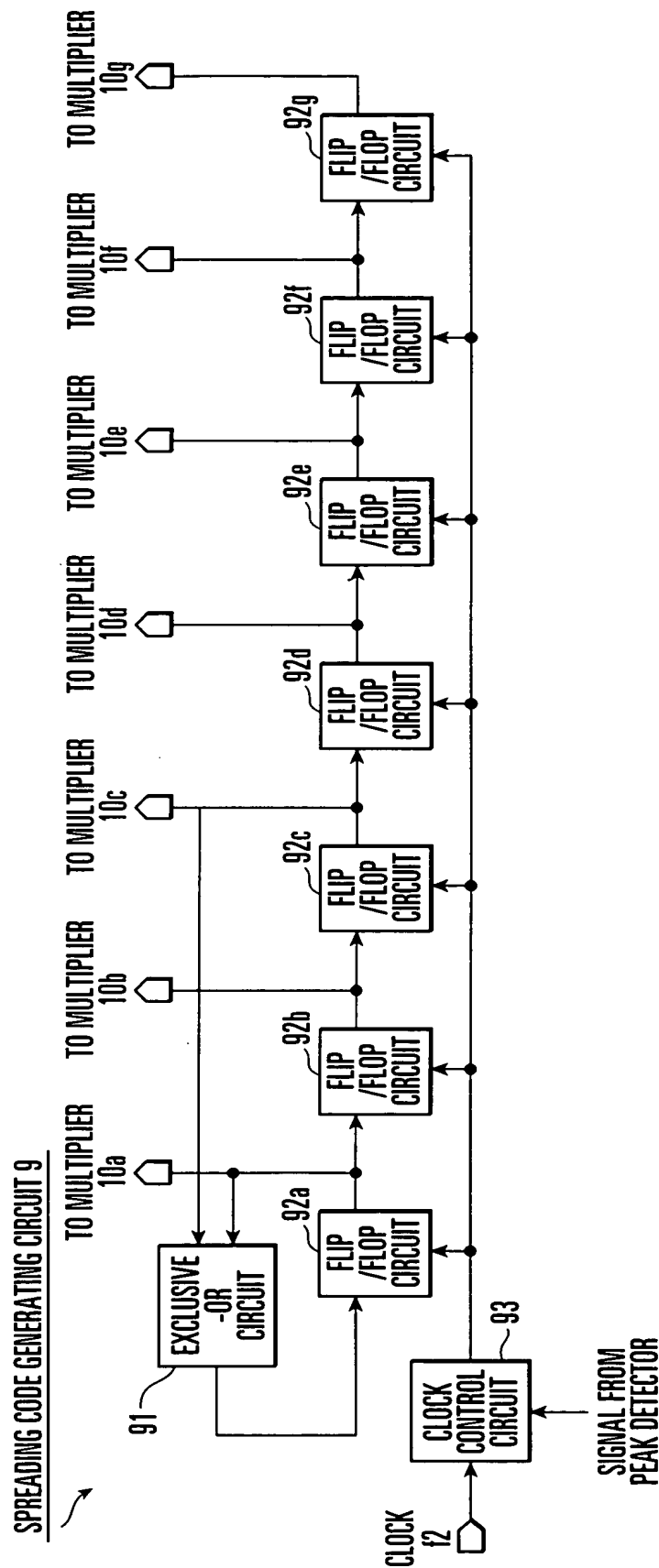
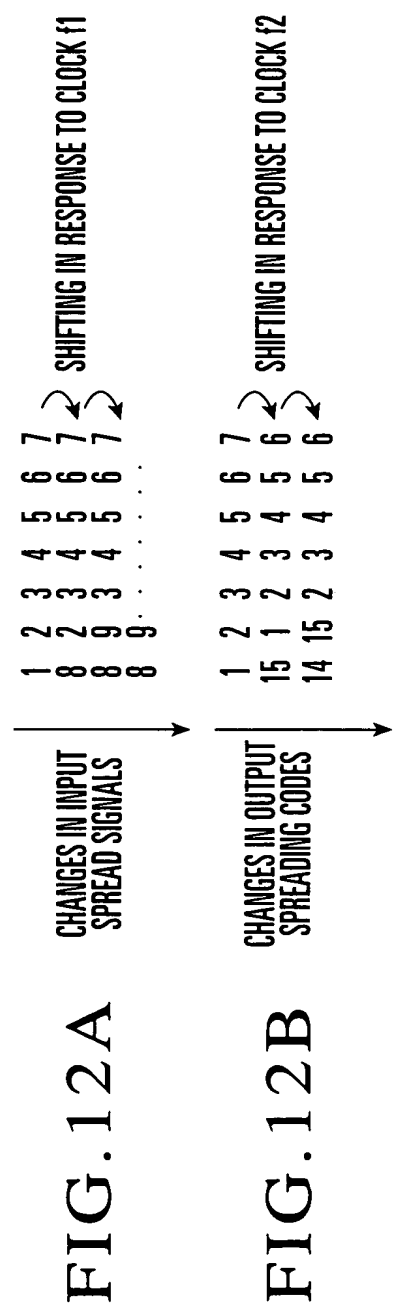


FIG. 11



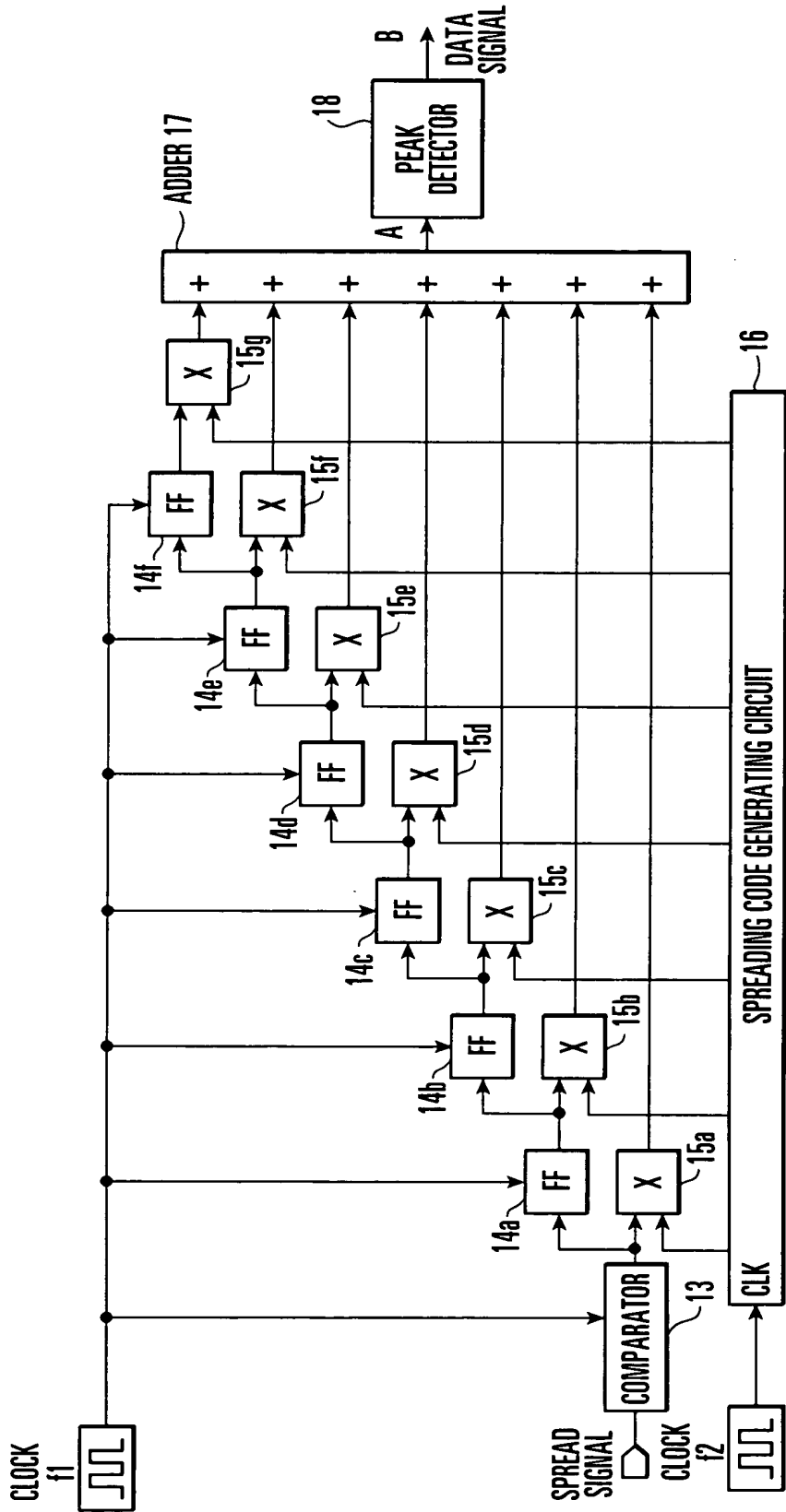


FIG. 13

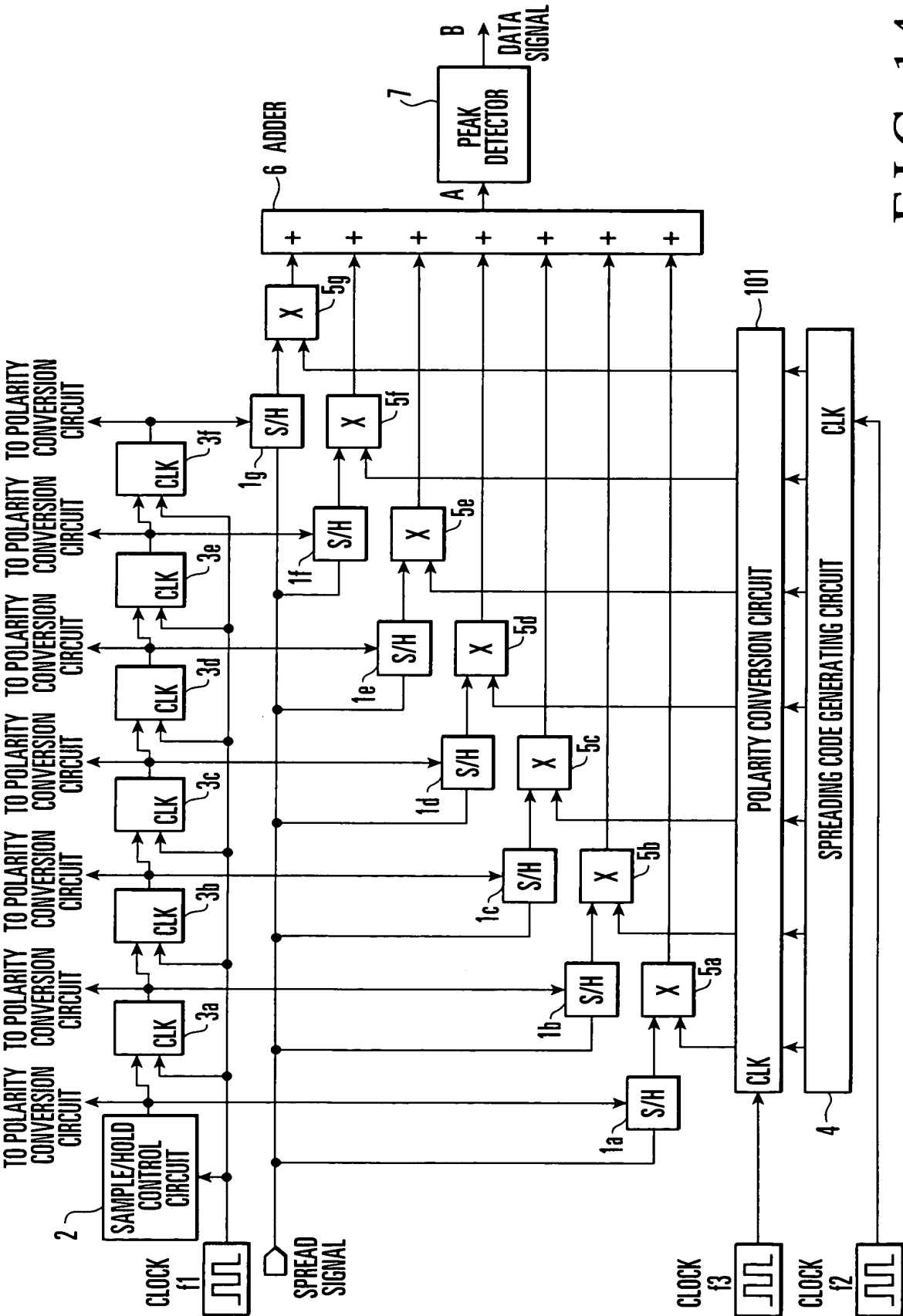


FIG. 14

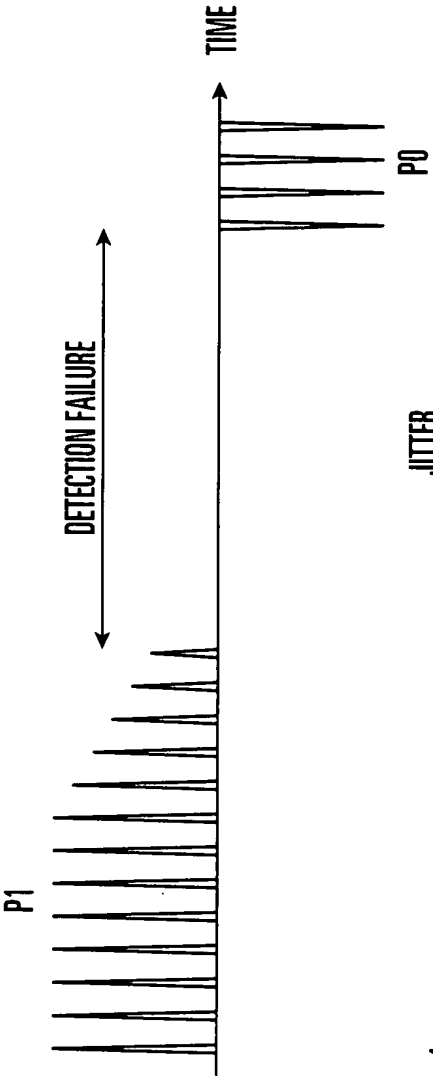


FIG.15A

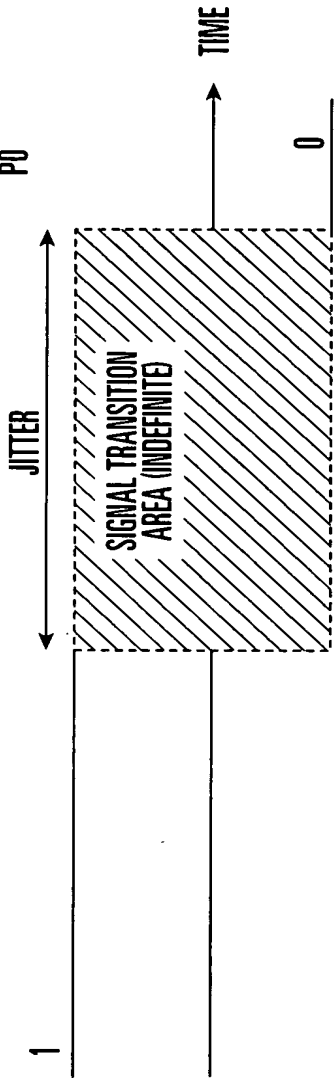


FIG.15B

FIG. 16A

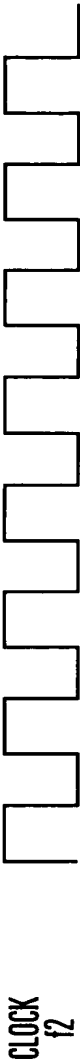


FIG. 16B



FIG. 16C

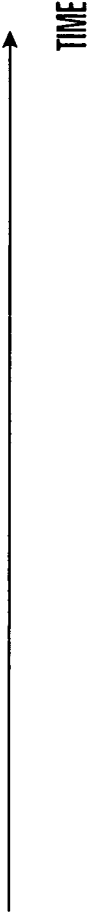
STATE OF SPREADING  
CODE GENERATING CIRCUIT

A	B	C	D	E	F	G	H
---	---	---	---	---	---	---	---

FIG. 16D

STATE OF POLARITY  
CONVERSION CIRCUIT

-	+	-	+	-	+	-	+	-
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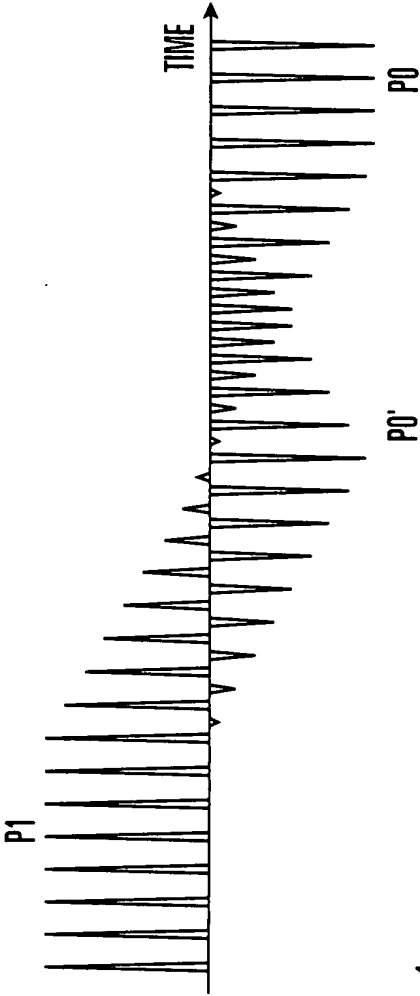


FIG. 17A

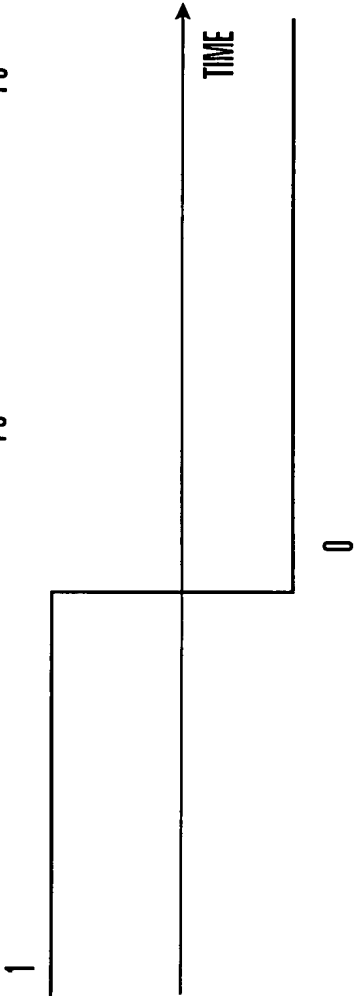


FIG. 17B

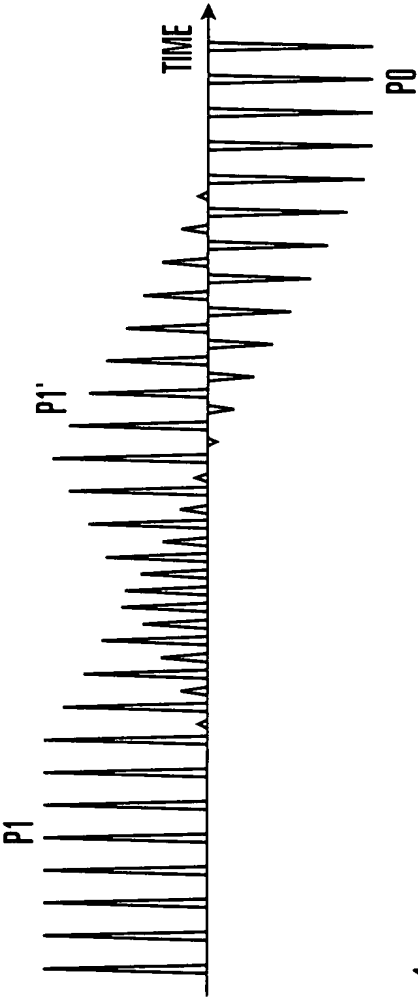


FIG. 18A

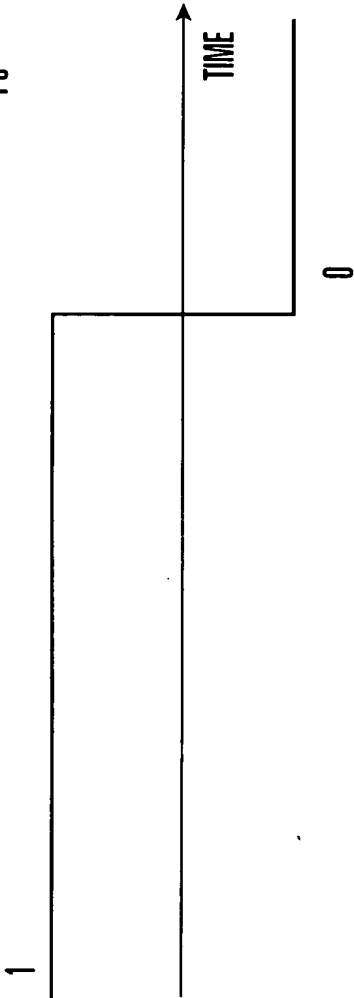


FIG. 18B



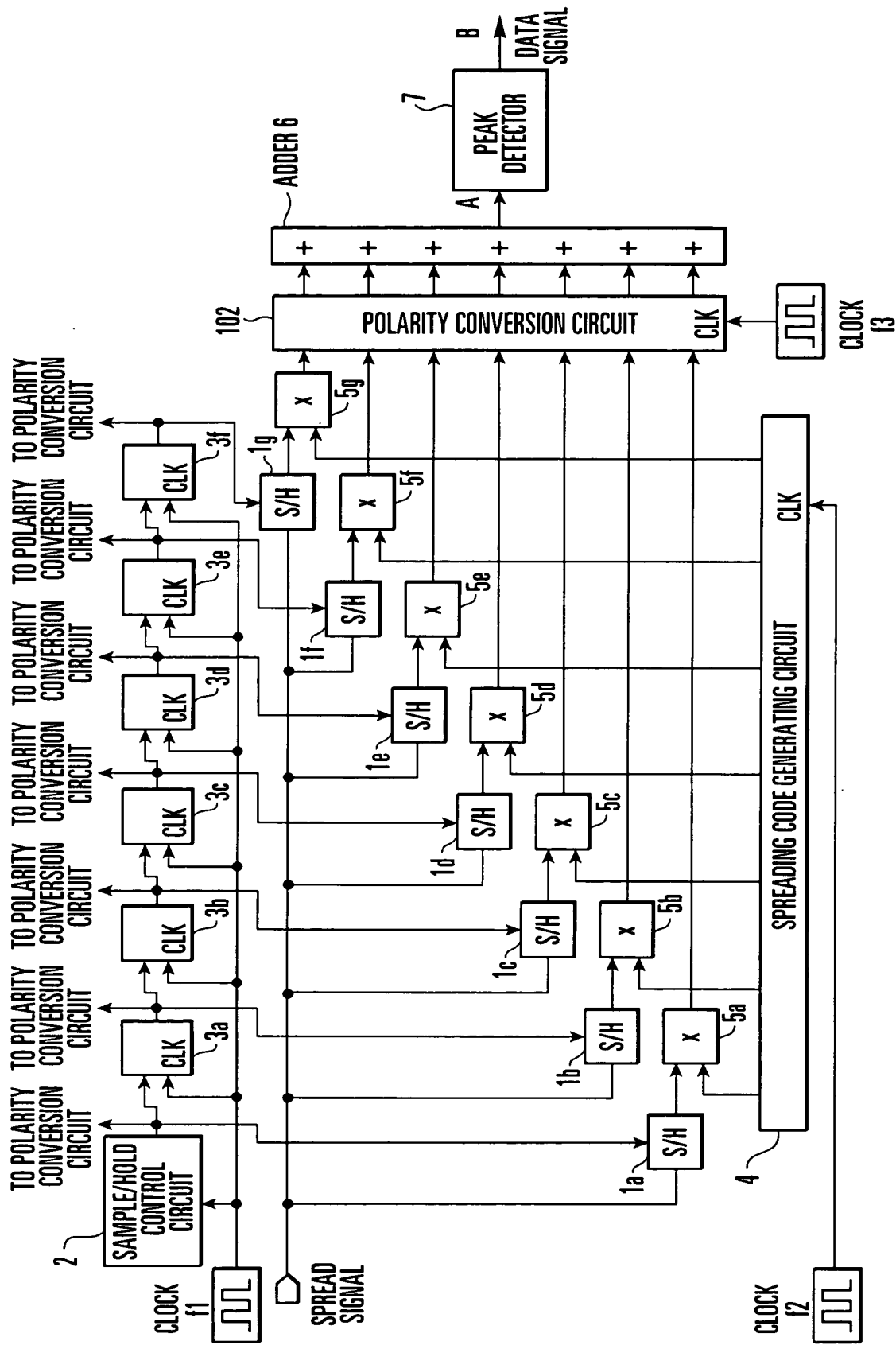


FIG. 19

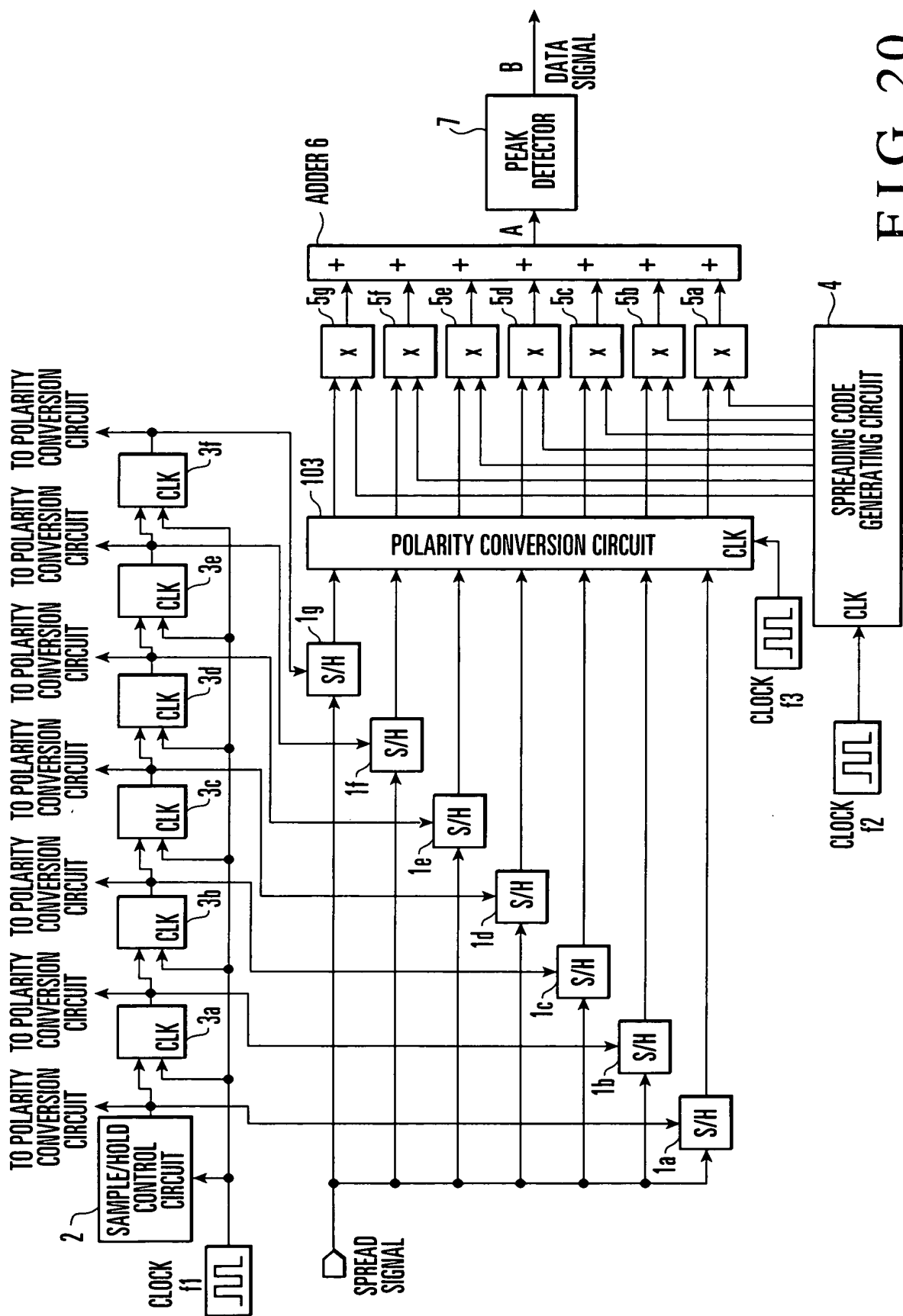


FIG. 20

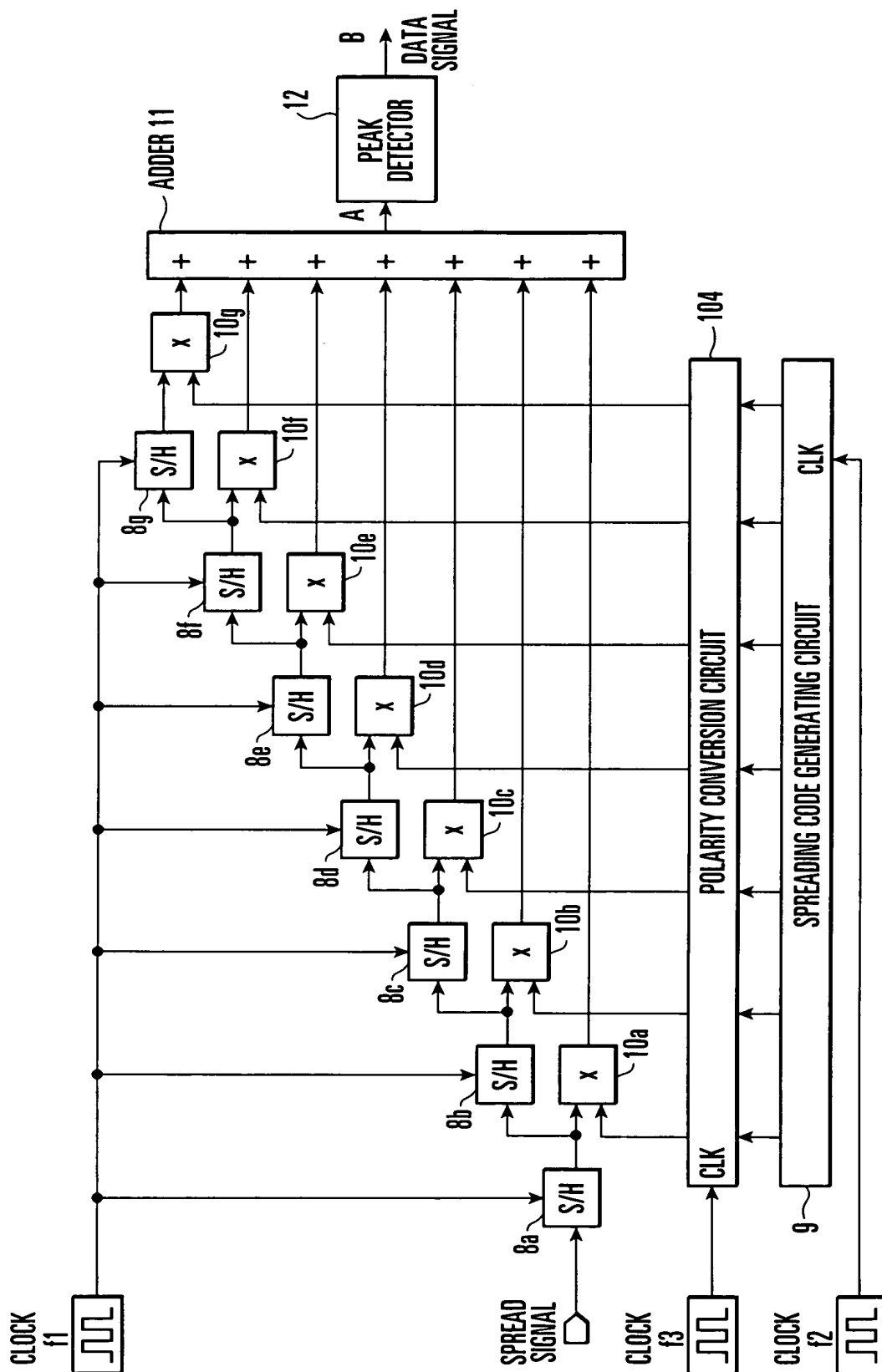


FIG. 21

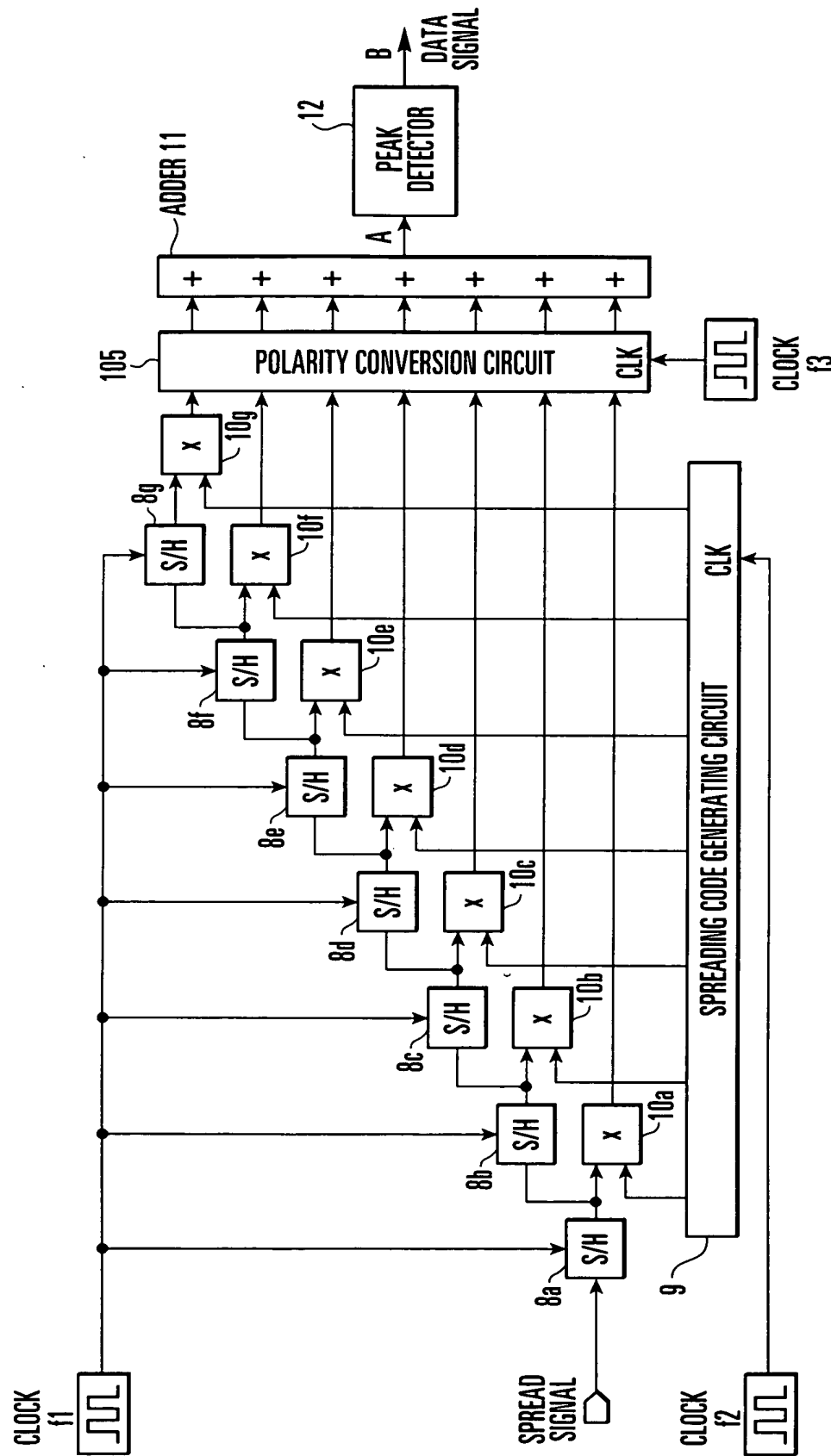


FIG. 22

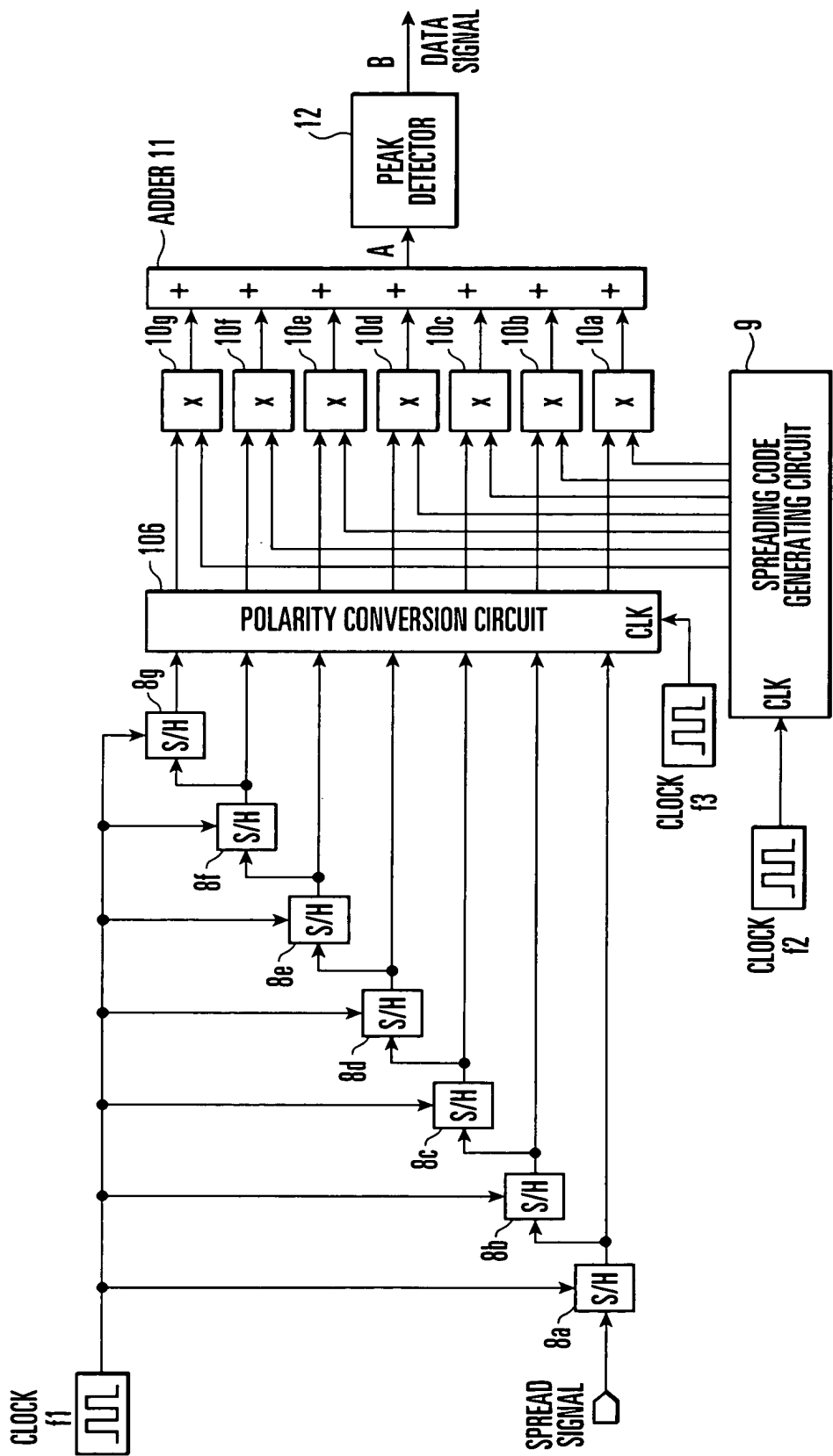


FIG. 23

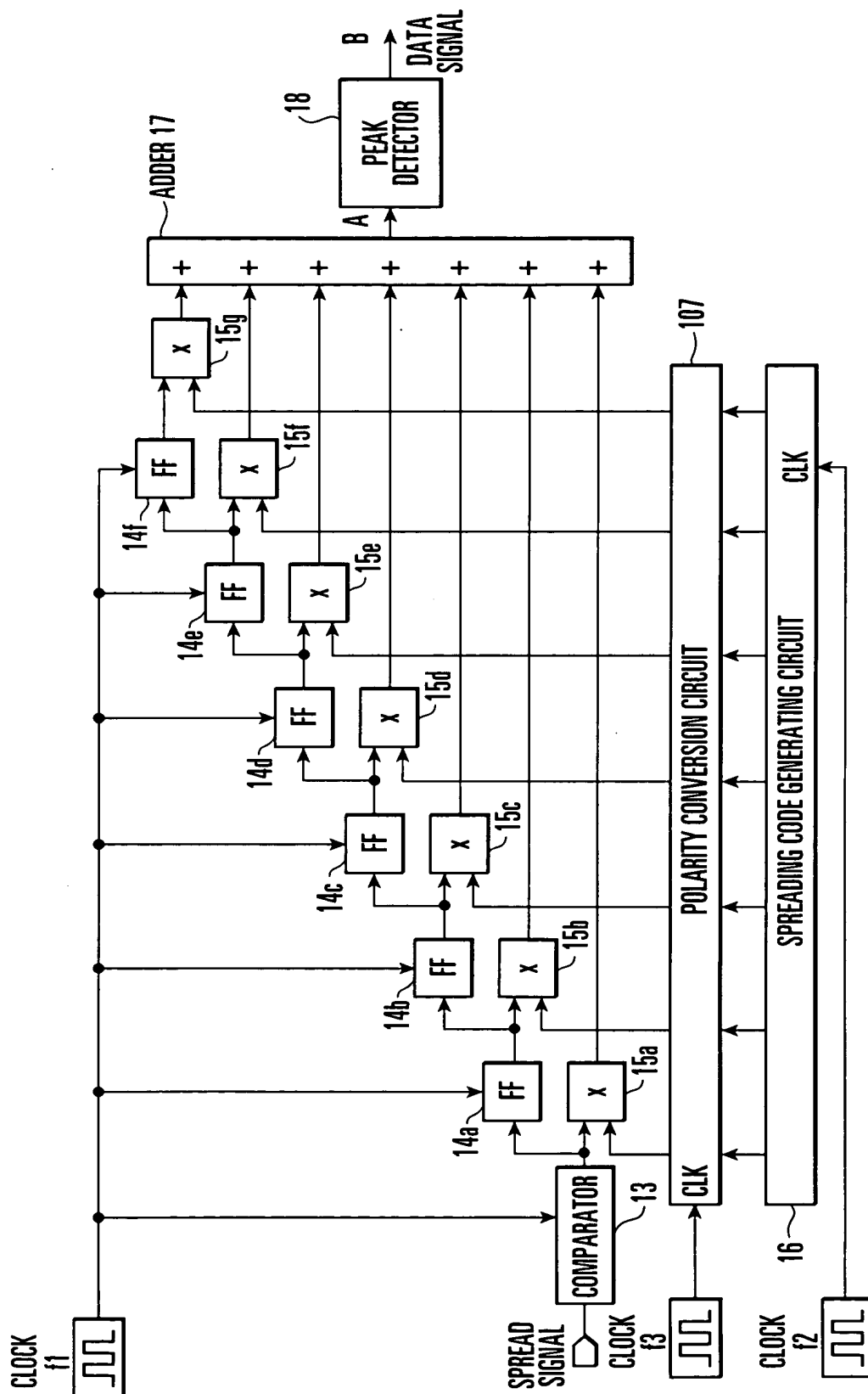
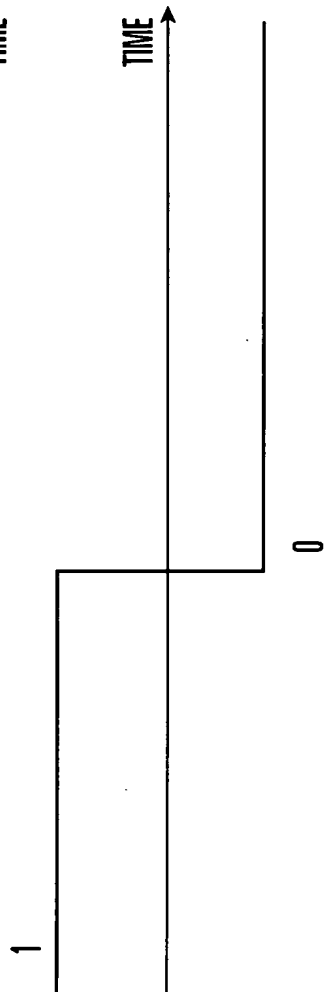
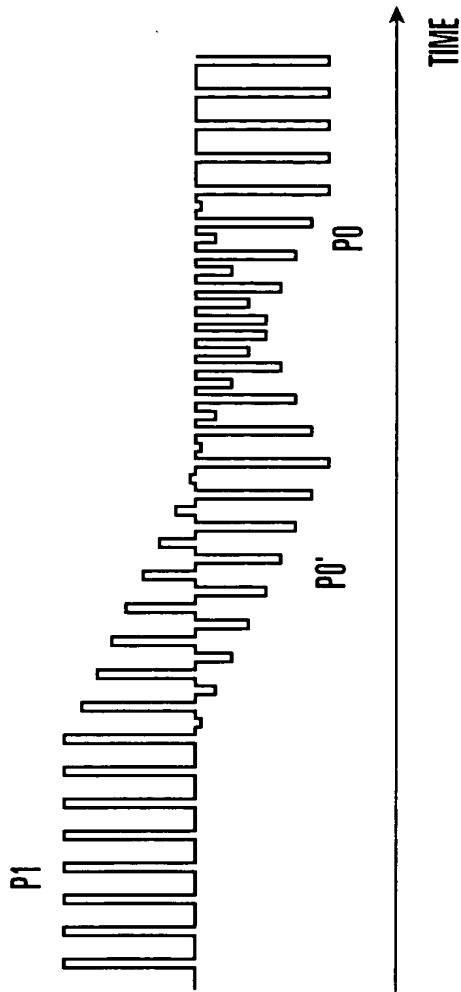


FIG. 24



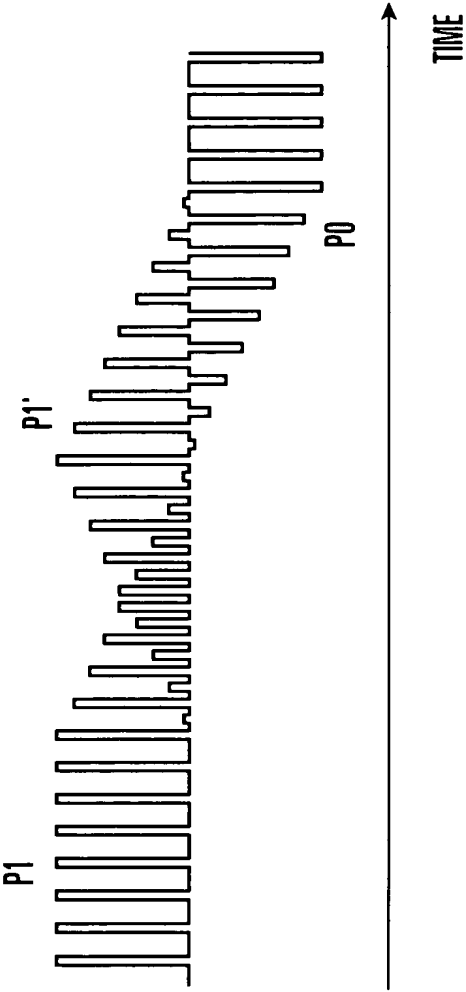


FIG. 26A

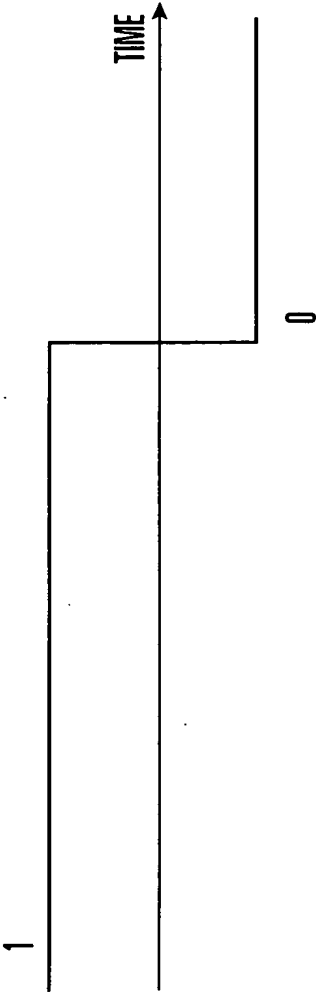


FIG. 26B





FIG. 27

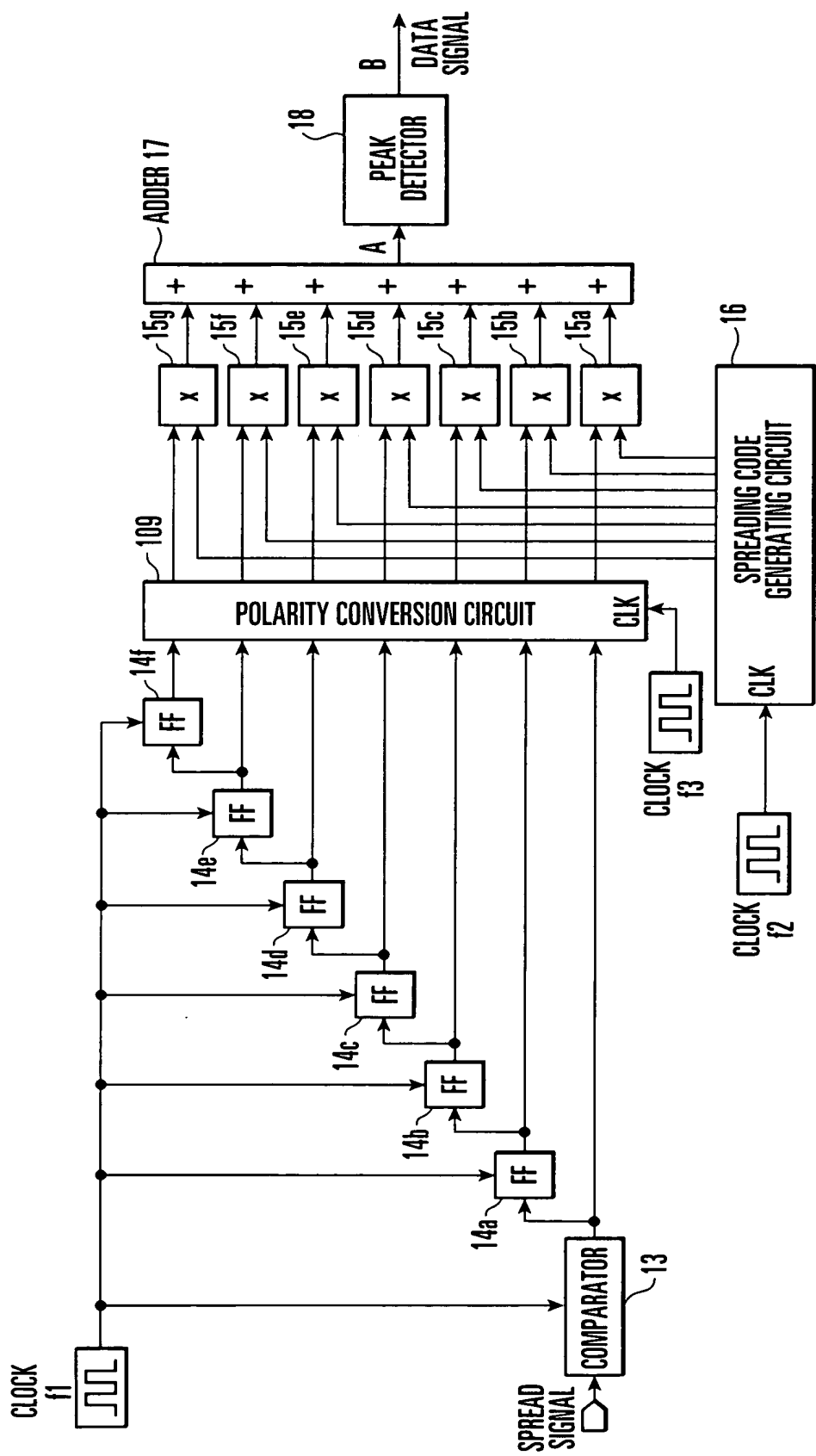


FIG. 28

SPREADING CODE GENERATING CIRCUIT 4

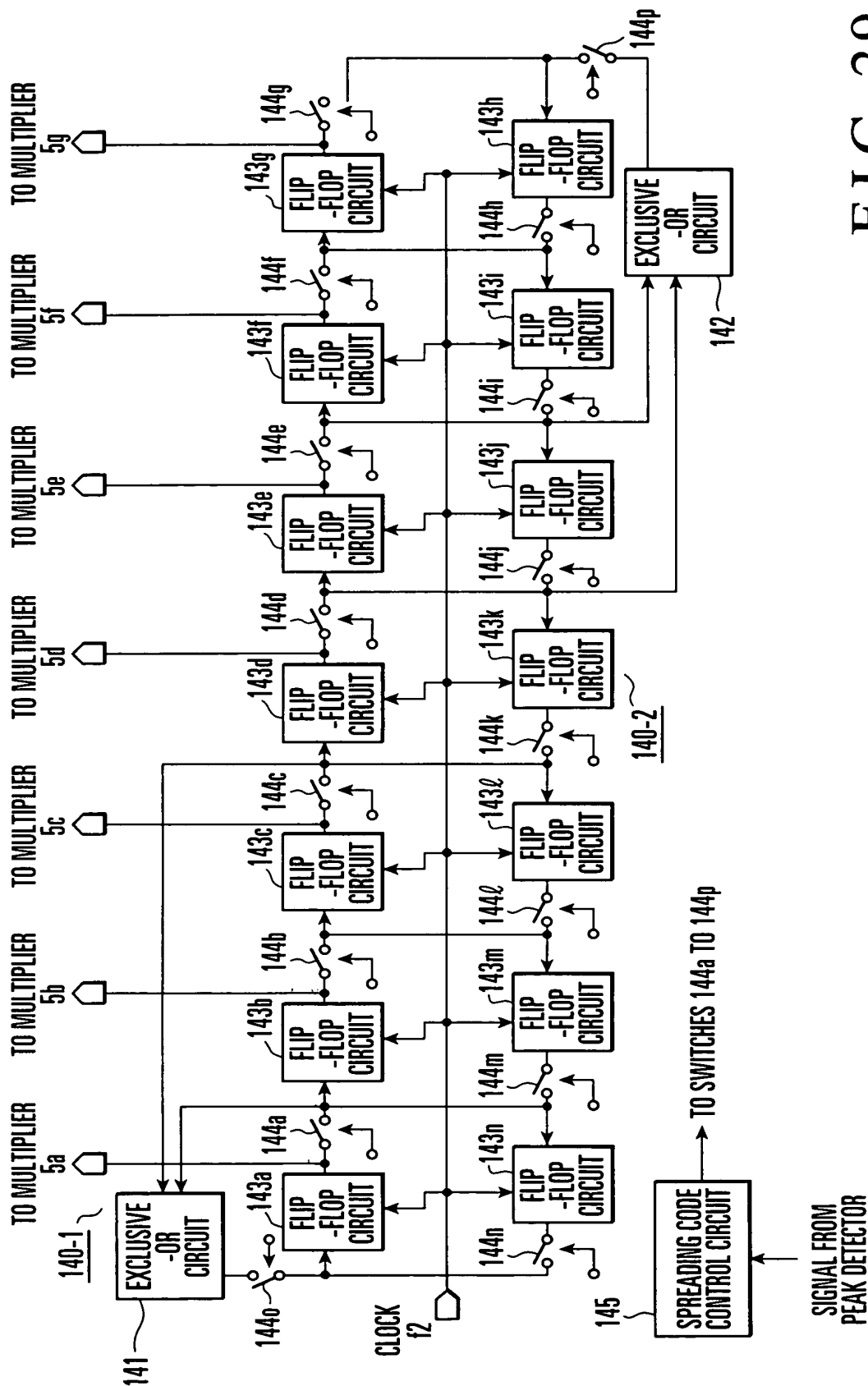


FIG. 29

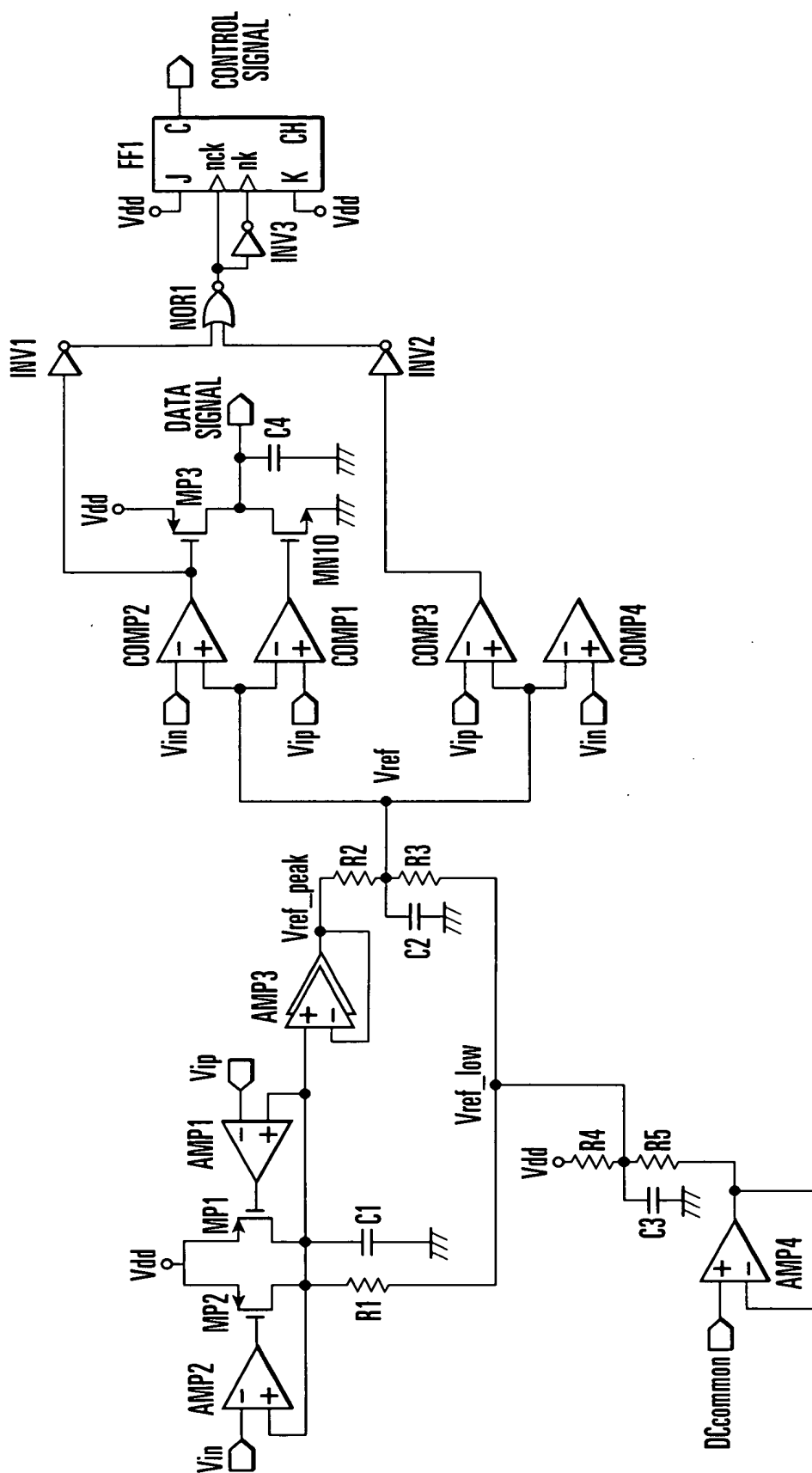


FIG. 30

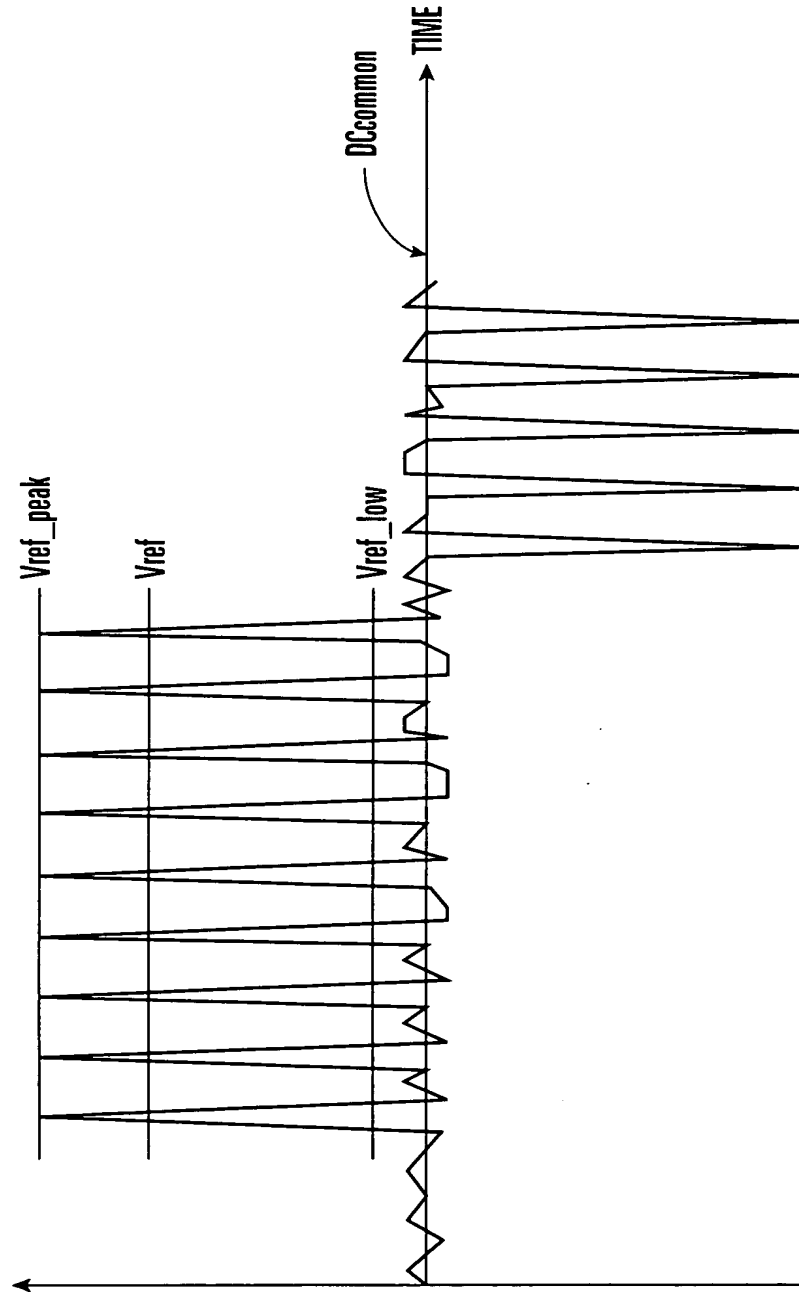


FIG. 31

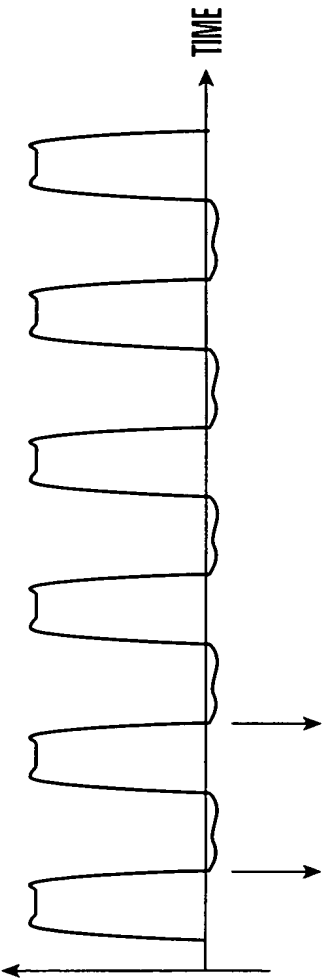


FIG. 32A

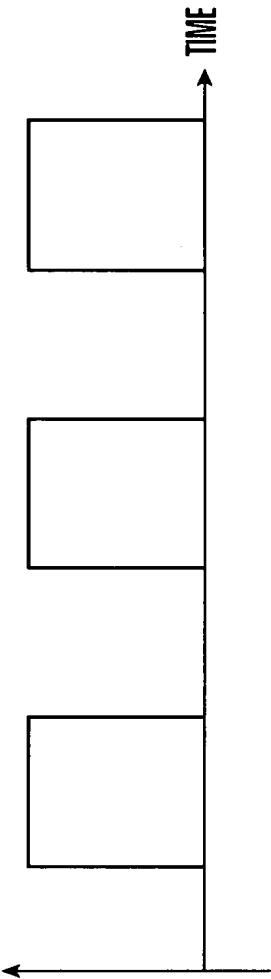


FIG. 32B

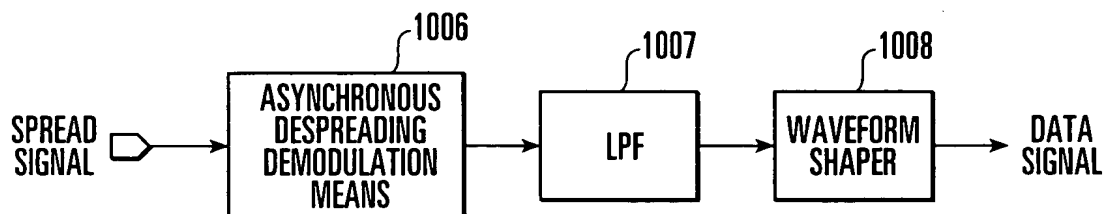
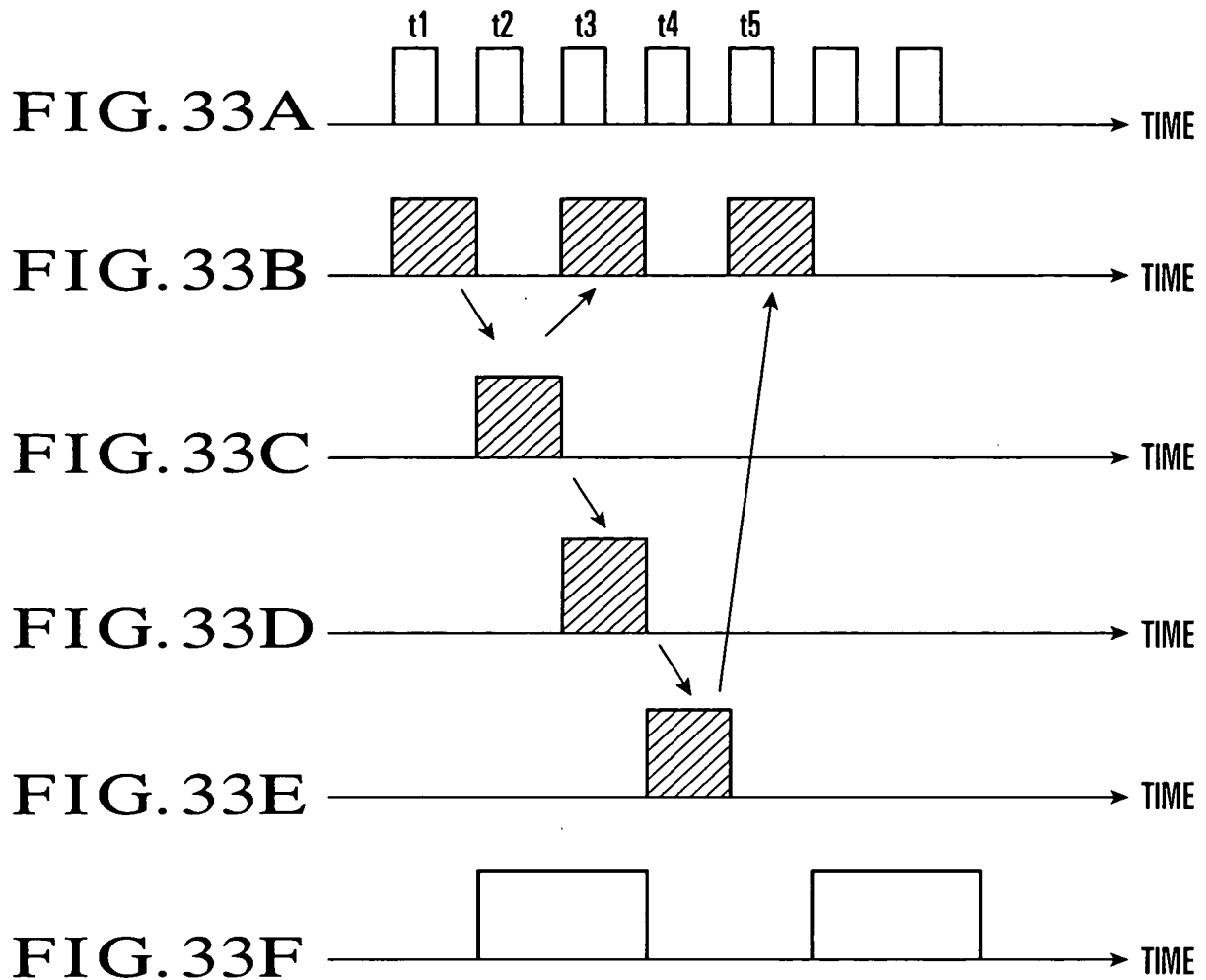
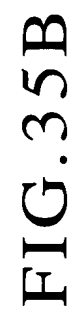
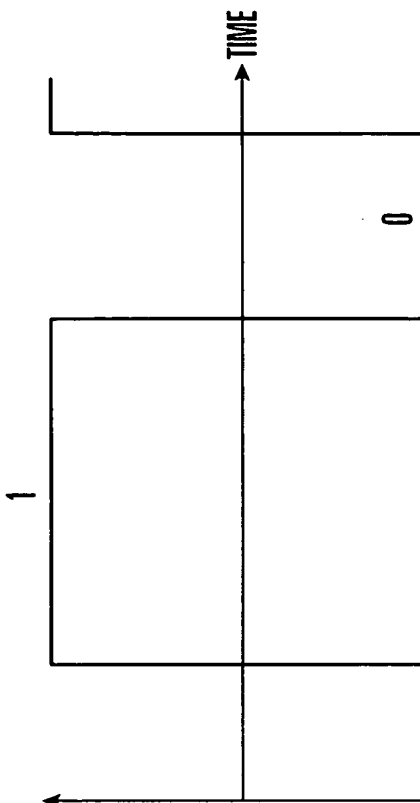
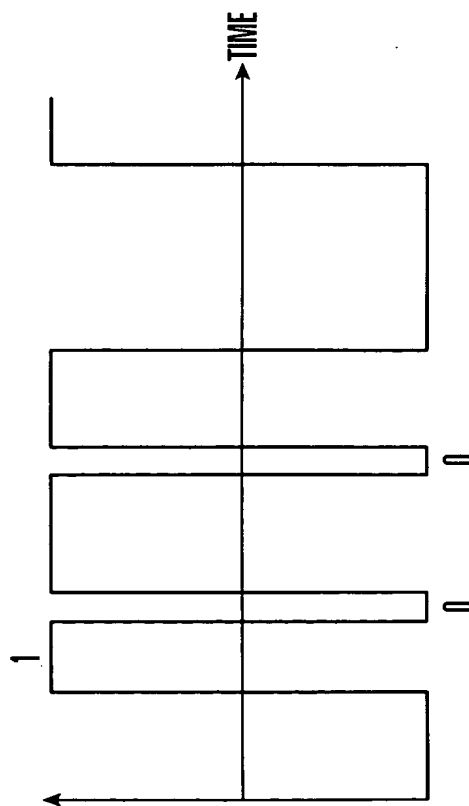
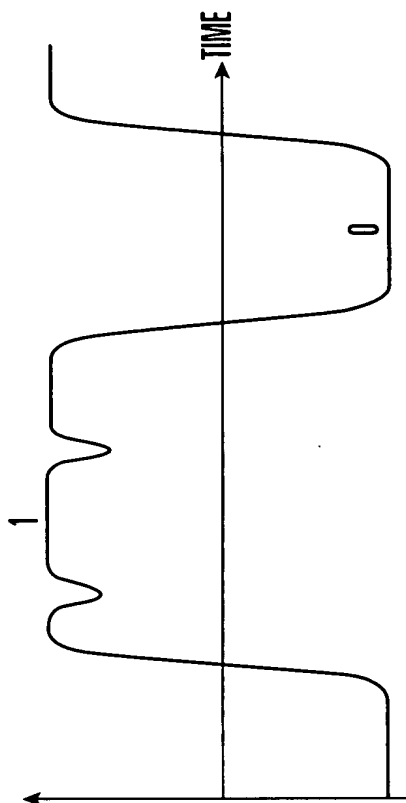
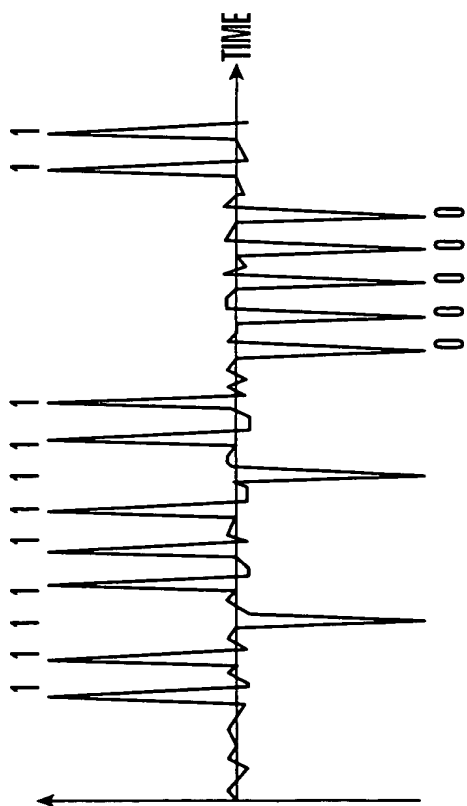


FIG. 34





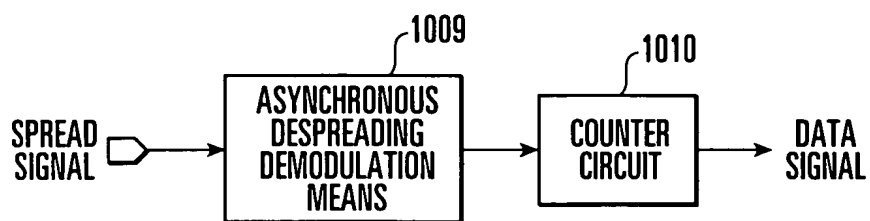
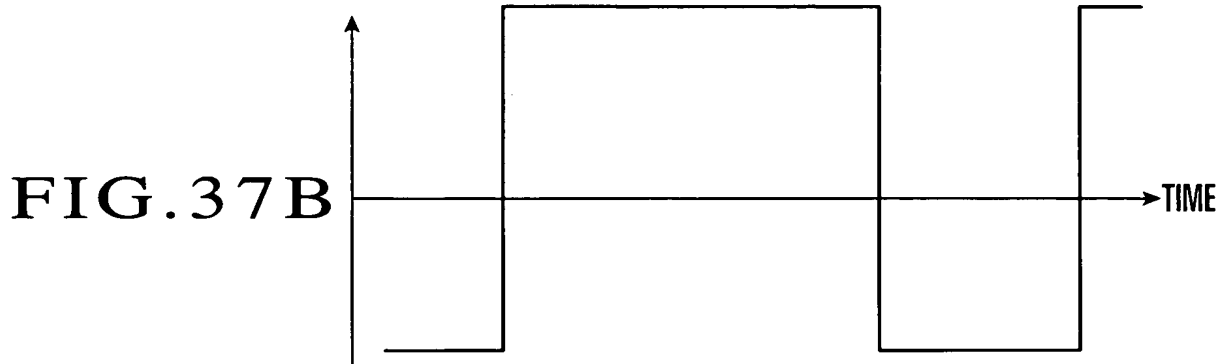
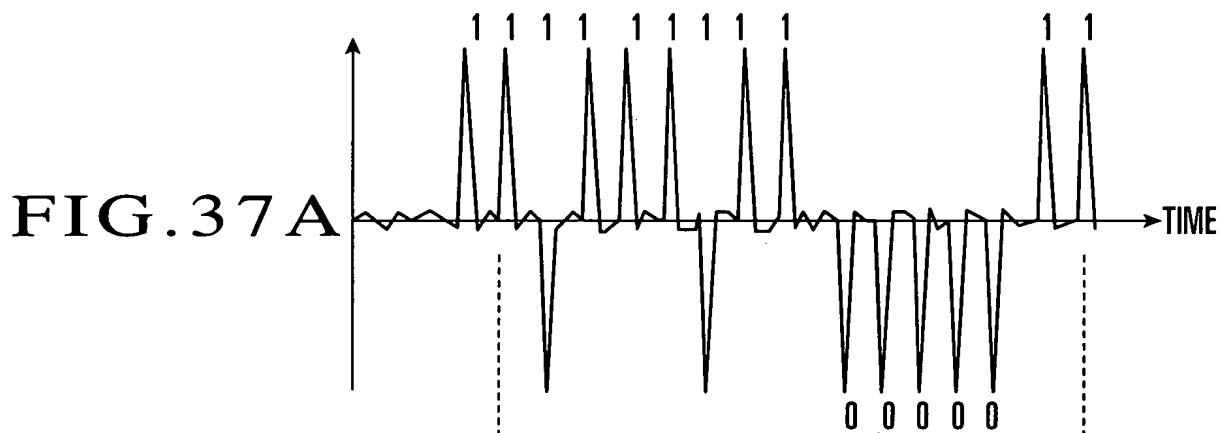


FIG. 36



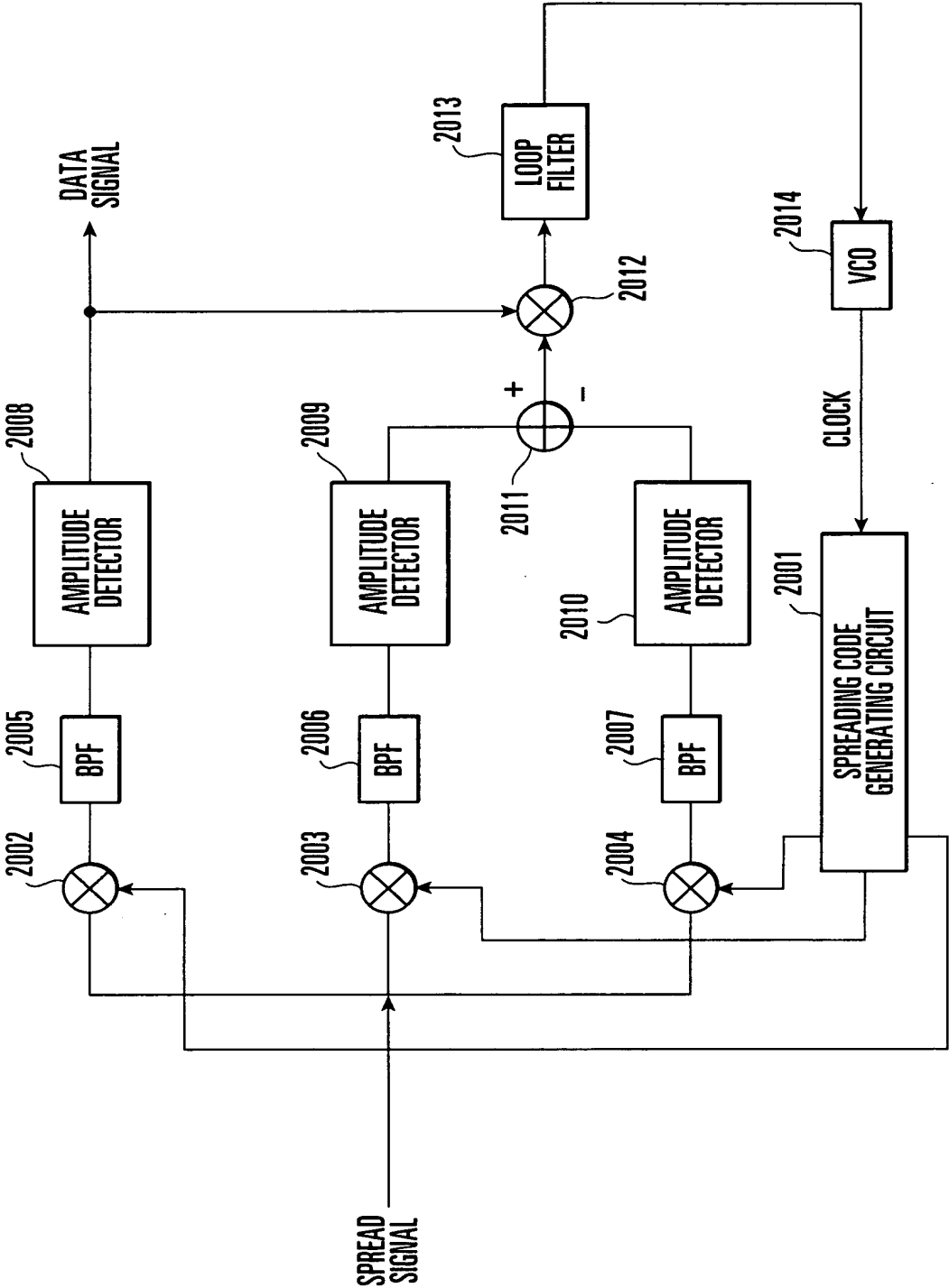


FIG. 38

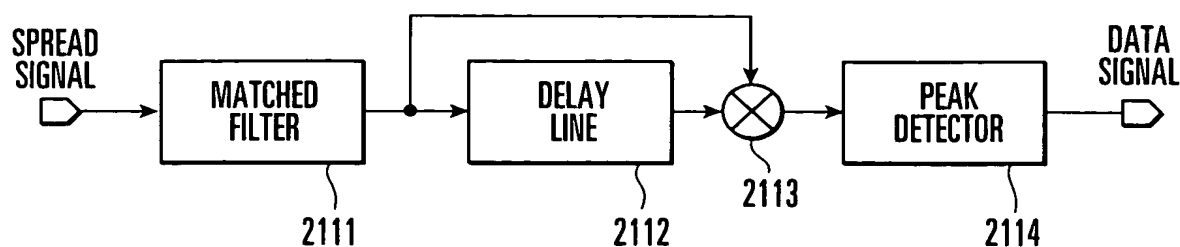


FIG. 39

